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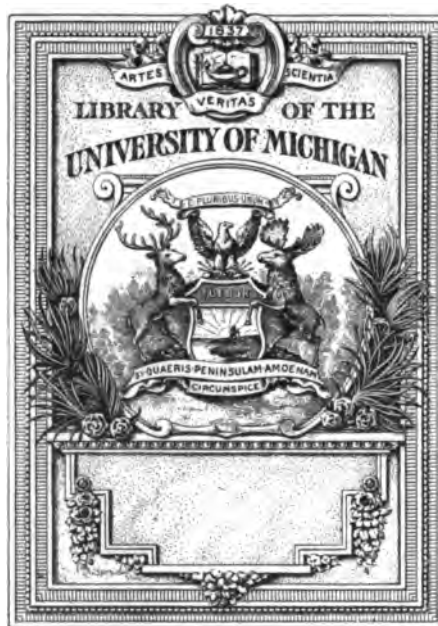
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YEAR BOOK
OF
CHARLESTON, S. C.
1884



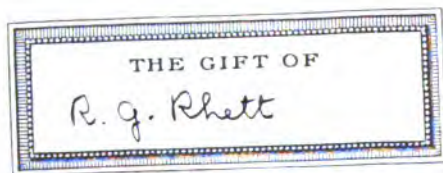


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Compliments of

R. Goodwyn Rhett,

Mayor.



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YEAR BOOK

1909



CITY OF CHARLESTON,

SO. CA.

**Presses of
Walker, Evans & Cogswell Company
Charleston, S. C.
1910**

CITY GOVERNMENT.

MAYOR AND ALDERMEN.

ELECTED DEC. 10, 1907. INAUGURATED DEC. 16, 1907.

MAYOR.

HON. R. GOODWYN RHETT.

MAYOR Pro Tem.

1908—F. S. HANCKEL.

1909—I'ON L. RHETT.

1910—

1911—

CLERK OF COUNCIL.

ROBERT G. O'NEALE.

MAYOR'S SECRETARY.

J. JULIAN CONLON.

ALDERMEN.

- Ward 1—F. Q. O'Neill, Leon S. Brux.
Ward 2—Wilson G. Harvey, Lawrence M. Pinckney.
Ward 3—Richard J. Morris, J. P. Magrath.
Ward 4—Julius H. Jahnz, R. M. Masters.
Ward 5—T. J. McCarty, J. F. Rafferty.
Ward 6—M. V. Haselden, B. F. McLeod.
Ward 7—I'on L. Rhett, F. C. Peters.
Ward 8—E. H. Fincken,* F. S. Hanckel.
Ward 9—A. J. Riley, Fritz Thee.
Ward 10—A. W. Petit, T. B. Colcolough.
Ward 11—J. Wohltmann, M. P. Healy.
Ward 12—W. D. Clarke, H. W. H. Buck.

*Died Aug. 4, 1909, succeeded by H. M. Walker, Nov. 2, 1909.

STANDING COMMITTEES OF CITY COUNCIL.**Confirmed December 16, 1907.**

Ways and Means—O'Neill, Chairman; Harvey, Jahnz, Morris, Riley, McLeod, Walker, Wohltmann and the Mayor.

Streets—Hanckel, Chairman; Rafferty, Pinckney, Rhett, Magrath, Colcolough, Thee, Clarke and the Mayor.

Lighting the City—Masters, Chairman; Peters, Healy, McCarty and the Mayor.

Water Supply—Rafferty, Chairman; Petit, Buck, Haselden, Morris, Harvey and the Mayor.

Sanitary Matters—Haselden, Chairman; Brux, Pinckney, Thee and the Mayor.

Railroads—McLeod, Chairman; Petit, Jahnz, Brux and the Mayor.

Electric Wires—Peters, Chairman; Masters, Healy, McCarty and the Mayor.

Tidal Drains—Walker, Chairman; Magrath, Buck.

Accounts—Pinckney, Chairman; McLeod and the Mayor.

Engrossed Bills and Official Bonds—Thee, Chairman; Healy and Brux.

Journals and Vacant Offices—Petit, Chairman; Thee, Magrath.

Printing and Stationery—Clarke, Chairman; McCarty, Colcolough.

City Hall, Clock and Chimes—Morris, Chairman; Walker and Clarke.

City Land and Public Buildings—Buck, Chairman; O'Neill, Masters.

Wood and Brick Buildings—Brux, Chairman; Buck, Colcolough.

Fire Escapes—Healy, Chairman; Peters, Riley.

Claims and Contracts—Riley, Chairman; Petit, Rafferty, Pinckney and the Mayor.

Steam Engines—Wohltmann, Chairman; Riley, Haselden.

Artesian Well and Lot—Magrath, Chairman; Masters, Rhett.

Port and Harbor Improvements—Colcolough, Chairman; Hanckel, Wohltmann.

Pleasure Grounds—McCarty, Chairman; Rhett, Clarke, Peters and the Mayor.

Public Charities—Rhett, Chairman; Rafferty, Hanckel.

Public Education—Jahnz, Chairman; Harvey, Haselden.

Public Safety—Harvey, Chairman; Hanckel and the Mayor.

MEETINGS OF CITY COUNCIL.

The Second and Fourth Tuesday in each month.

CITY OFFICERS.

Clerk of Council—Robert G. O'Neale.

City Treasurer—J. Orrin Lea.

City Assessor—Daniel L. Sinkler.

Recorder—Theodore D. Jervey.

Corporation Counsel—George H. Moffett.

City Sheriff—Glenn E. Davis.

Health Officer—J. Merceir Green, M. D.

City Engineer—J. H. Dingle.

First Assistant Engineer—D. C. Barbot.

Second Assistant Engineer—A. A. Everett.

City Electrician—I'on Simons.

Chief of Police—W. A. Boyle.

Chief of Fire Department—Louis Behrens.

Milk and Meat Inspector—Dr. G. McF. Mood.

Tidal Drain Keeper—W. P. McMahon.

Inspector of Licenses—John P. Sullivan.

CITY COURT.

Recorder—Theodore D. Jervey.

Corporation Counsel—George H. Moffett.

Sheriff—Glenn E. Davis.

Clerk—Robt. G. O'Neale.

BOARDS AND COMMISSIONS.**Board of Equalization.**

Aldermen—F. Q. O'Neill, Wilson G. Harvey, Julius H. Jahnz, R. J. Morris, A. J. Riley and B. F. McLeod.

Meets first Tuesday in March, at 12 M., in each year, at Fire Proof Building.

Board of Public Works.

President—James R. Johnson.

Vice-President—F. S. Hanckel.

Secretary—J. Williman.

To Serve for Three Years—Jno. A. Hertz and H. Frost Walker.

To Serve for Five Years—T. T. Hyde and Edw. W. Wynne.*

To Serve for Seven Years—Morris Israel and James R. Johnson.

Members of the Council—Hon. R. G. Rhett, Mayor;
Aldermen F. Q. O'Neill and Frank S. Hanckel.

Meets first Tuesday each month at 7 P. M.

*Died Dec. 5, 1909, succeeded by C. Norwood Hastie, Dec. 14, 1909.

Board of Health.

Chairman—J. Alwyn Ball.

Health Officer and Secretary—J. Merceir Green, M. D.,
Dr. A. P. Aimar and Dr. H. P. Jackson.

To Serve for Two Years—Mr. Thad. Street and Dr. John L. Dawson.

To Serve for Three Years—Mr. J. A. Ball and Dr. C. W. Kollock.

Alderman Wilson G. Harvey and the Mayor.

Clerk—J. Faber Porcher.

Bacteriologist—Dr. Robt. Wilson, Jr.

Milk and Meat Inspector—Dr. G. McF. Mood.

Assistant Milk and Meat Inspector—E. B. Burke.

Chief Sanitary Inspector—A. Waring Mitchell

Sanitary Inspectors—District No. 1, Gilman Courtenay;
District No. 2, C. F. Glover; District No. 3, Mike Hogan;
District No. 4, Frank Richards.

Meets first Tuesday every month at 1 P. M.

Board of Firemasters.

Board of Firemasters—F. S. Rodgers, Chairman; Chas. R. Valk, A. J. Riley, A. M. Lee, R. M. Masters, Theo. Poppen and the Mayor.

Chief—L. Behrens.

Assistant Chief—M. Morris.

Meets first Wednesday in each month at 6 P. M.

Fireman's Pension Fund.

F. S. Rodgers, Chairman Board Firemasters.

J. O. Lea, City Treasurer.

L. Behrens, Chief Fire Department.

J. P. Magrath (1913), G. M. Pollitzer* (1913).

Police Department.

Chief of Police—W. A. Boyle.

First Lieutenant—John P. Dunn.

Second Lieutenant—John H. Steenken.

Third Lieutenant—Edward P Cantwell.

Police Pension and Relief Fund.

Julius H. Jahnz, term expires January, 1911; B. F. McLeod, term expires January, 1910, and the Mayor.

Water Commission.

Commissioners—Samuel Lapham, Chairman; John F. Rafferty, B. F. McLeod.

Secretary—Daniel L. Sinkler.

Meets first Tuesday each month, 12 M., at City Hall.

*Died Sept., 1909.

Sewer Commission.

Commissioners—Dr. T. Grange Simons, Chairman; Earle Sloan, S. G. Stoney, Geo. B. Buell, J. R. Johnson, Dr. J. Merceir Green, Health Officer, and the Mayor.

Sewerage Engineer—J. H. Dingle.

Meets first Tuesday each month, 12:30 P. M., at City Hall.

Dock Commissioners.

J. F. Rafferty, Chairman; B. F. McLeod and Hon. R. G. Rhett.

L. M. Pinckney, President Commercial Club.

J. Adger Smyth, President Chamber of Commerce.

James M. Seignious, President Cotton Exchange.

A. C. Tobias, President Merchants' Exchange.

J. H. Dingle, City Engineer, Secretary.

Meets first Monday each month at 6 P. M.

Freight Bureau.

Commissioners—G. Walter McIver, Chairman; T. S. Wilbur, Vice-Chairman, M. V. Haselden, F. S. Hanckel, I'on L. Rhett, A. C. Tobias, B. F. McLeod, A. J. Geer.

Manager—H. R. Jackson

Clerk—D. P. Dehon.

Meets second Wednesday each month.

William Enston Home.

Trustees—Wm. E. Huger, President; W. Enston Butler, 1st Vice-President; F. E. Taylor, 2nd Vice-President; Arthur Lynah, 3rd Vice-President; J. P. K. Bryan, Geo. W. Williams, Charles R. Valk, E. H. Pringle, T. S. Wilbur, F. M. Robertson, C. A. Chisolm, M. B. Paine and the Mayor.

Secretary—M. B. Paine.

Superintendent—Mrs. W. H. Westmoreland.

Meets Fourth Wednesday each month at 12 M.

Charleston Orphan House.

Commissioners—F. J. Pelzer, Chairman; Dr. J. S. Buist, Vice-Chairman; George W. Williams, Chairman pro tem.; V. C. Dibble, R. W. Clauss, I. W. Hirsch, Robert Lebby, Dr. B. A. Muckenfuss, A. T. Smythe, T. A. Wilbur, F. Q. O'Neill, S. G. Stoney.

Physician—Dr. T. Grange Simons.

Secretary and Treasurer of Board—St. John P. Kinloch.

Engineer—Ashley L. Barton.

Meets every Thursday at 5 P. M.

City Orphan Asylum.

Commissioners—T. M. Mordecai, Chairman; Benjamin H. Rutledge, George D. Bryan, A. J. Riley, C. J. Redding,* Thos. J. Price, Geo. S. Legare.

Physician—Dr. Edward Rutledge.

Meets first Wednesday each month.

Alms House.

Commissioners—H. Klatte, Chairman; T. W. Passailaigue, Vice-Chairman; Morris Harris, J. C. H. Claussen, C. H. Blase, D. A. Amme, A. W. Jagar, F. S. Hanckel, A. W. Petit, H. B. Schroeder, Thomas B. Colcolough, D. O'Brien.

Secretary—A. W. Jagar.

Master—Julius G. Schroeder.

Matron—Ida Schroeder.

Clerk—William S. Darrell.

Meets twice a month on alternate Mondays, at 5 P. M.

Commissioners of Public Lands.

Commissioners—R. M. Masters, Chairman; J. H. Tietjen, Vice-Chairman; A. M. Stone, Secretary; H. W. H. Buck, H. N. Pregnall, P. Carter, F. Thee, J. P. Magrath, N. H. Seebeck, C. C. Leslie, T. H. Reynolds, E. H. Fincken.†

Meets first Tuesday each month, 8 P. M., at Market Hall.

*Died Nov. 15, 1909, succeeded by W. J. Storen, Dec. 14, 1909.

†Died Aug. 4 1909, succeeded by W. D. Clarke, Oct. 12, 1909.

College of Charleston.

Trustees—Elected by the Board—Hon. John F. Ficken, President, 1911; H. A. M. Smith, Vice-President, 1914; Hon. J. Adger Smyth, 1909; J. Somers Buist, M. D., 1915; A. C. Kaufman, 1910; Henry P. Archer, A. M., 1916; M. Rutledge Rivers, 1913. Elected by the Alumni: J. E. Burke, 1909; Hon. D. S. Henderson, 1913; F. Q. O'Neill, 1911. Elected by the City Council: Hon. R. Goodwyn Rhett, 1912 (Mayor, ex-officio); Hon. Theodore D. Jervey, 1912 (City Recorder, ex-officio); F. S. Hanckel, 1912; Hon. Wm. St. Julien Jervey, 1912; J. P. Kennedy Bryan, 1912.

Secretary—Arthur Mazyck.

High School.

Trustees—Hon. James Simons, President; F. Q. O'Neill, J. P. K. Bryan, Edwin P. Frost, G. Walter McIver, H. A. M. Smith, I'on L. Rhett, T. J. McCarty and the Mayor.

Secretary—R. G. O'Neale.

Industrial School for Colored Orphans.

Commissioners—F. R. Frost, A. J. Riley, I'on L. Rhett, W. H. Cogswell and John Marshall.

Parks.

Commissioners—Samuel Lapham, Chairman; Charles R. Valk, Vice-Chairman; W. P. Carrington, Frank R. Frost, Zimmerman Davis, Wm. M. Bird, A. A. Kroeg, W. J. Storen, George W. Williams and the Mayor.

Secretary—Dr. A. A. Kroeg.

Meets third Tuesday each month, 6 P. M., at City Hall.

Colonial Common and Ashley River Embankment.

Commissioners—Caspar A. Chisolm, Chairman; S. S. Buist, Secretary and Treasurer; Eugene P. Jervey, Jno. M. Rivers, Wilson G. Harvey, C. F. Steinmeyer, J. R. Robertson, R. P. Evans, Dr. Manning Simons, W. E. Roberts.

Marion Square.

Commissioners—Col. O. J. Bond, Chairman; Col. Henry Schachte, Col. Julius E. Cogswell, Maj. T. T. Hyde, F. C. Peters, J. M. Connelley and Zimmerman Davis.

Management, Custody and Care of Convicts.

Commissioners—John F. Riley, Chairman; T. Allen Legare, Vice-Chairman; G. C. Schnietzer, Secretary; Jno. Wohltmann, M. P. Healy.

Meets third Monday each month, 8:30 P. M., at City Hall.

Markets.

Commissioners—W. H. Welch, Chairman; T. Allen Legare, Vice-Chairman; W. J. Comar, F. W. Jessen, R. H. Simons, G. C. Schmetzer, J. C. Blohme, S. H. Wilson,* W. D. Clarke, H. C. Wohlers, W. C. Macmurphy, John Wohltmann, R. M. Masters.

Clerk—Oscar Prause.

Clerk Weights and Measures—John Duncan.

Meets first Wednesday each month; at 12 M.

Inspectors and Surveyors of Timber and Lumber.

Geo. E. Steinmeyer, P. Devereaux, J. C. Roberts, C. F. Steinmeyer.

Harbor Commissioners.

Commissioners—Hon. R. G. Rhett, ex-officio, Chairman; W. H. Welch, Vice-Chairman; J. W. Petermann, Louis D. Simonds, Henry P. Williams, James M. Seignious, J. C. Hemphill, A. C. Tobias, Capt. G. H. Swan, H. A. Molony, Capt. J. J. Igoe, and Dr. Robt. Wilson.

Harbor Master—Col. James Armstrong.

Port Warden—A. G. Cudworth.

*Died May 19, 1909, succeeded by J. M. Thomas, July 13, 1909.

City Board of Public School Commissioners.

Commissioners—Hon. James Simons, Chairman; A. T. Smythe, G. M. Pollitzer, T. W. Passailaigue, T. A. Wilbur. Chas. H. Blase, P. E. Trouche, H. A. M. Smith, J. E. Burke and J. P. K. Bryan.

Clerk—H. P. Archer.

Meets first Wednesday each month, 6 P. M.

Mayor Rhett's Annual Report.

The City Council of Charleston.

Gentlemen:

The year 1909 marks the beginning of a new commercial era in Charleston. For many years the preparation has gone on. The seeds that were sown and patiently matured, have at last borne abundant fruit. The harvest is at hand. The appendix is devoted to a synopsis of the Jubilee Edition of the "News and Courier" of January 1, 1910, in which there is set forth in detail the magnitude of the movement. It is prepared by Mr. August Kohn, the Columbia Correspondent of the "News and Courier," to whom in large measure was due the success of that edition.

Real estate has been advancing in values at a rapid pace in the past year. Dwellings are being erected in greater numbers. New enterprises are bringing in fresh capital. We may therefore confidently expect a material increase in assessed property year by year and a corresponding decrease in the tax rate, unless the decrease is made in the per cent. of assessment. In either case there will, of course, be a decrease in the tax paid on the actual value of property.

There have been two notable undertakings launched during the year, both of which will take some years to complete, but both of which are well under way at this time.

THE BOULEVARD.

For more than a half century it has been the dream of our people to extend the Battery westward. The dream, in fuller measure than ever pictured, is now becoming a reality. In the Addenda will be found an article on the subject, taken from the Jubilee Edition of the "News and Courier" above referred to, which Mr. Kohn has incor-

porated in his review. The city owns ninety-five of the one hundred and ninety-one lots into which this recovered area is subdivided. It owns twenty-three of the forty-one front lots facing the Boulevard.

In all the titles to this property there is a condition annexed that only dwelling houses can be erected on the Boulevard proper and on South Bay extended, and no houses on the Boulevard can be erected within twelve feet of the street line. Nor can any lot be subdivided for twenty-five years.

The work has been let to the McLean Contracting Company, of Baltimore. The price paid was \$35 per running foot for the sea wall and 9.3 cents per cubic yard for filling, which was subsequently fixed at \$62,037. The wall is of concrete and rests upon a piled foundation. The filling is to be 8½ feet above mean low water *after shrinkage*. This is the standard level to which all filling is now done in the city. The time for the completion of the work is fixed at eighteen months from its beginning, or about the 21st of January, 1911. The cost is divided amongst the city and the property owners in proportion to the cubic yards of filling on the streets and lots, respectively, except as to the wall and filling in front of the houses and lots on South Bay. As to the latter, the city pays the entire cost and the property owners release their interests in the land on which the wall and Boulevard is constructed. The wall and filling will cost about \$210,000. The city's proportion for its streets and lots will be a little over 70 per cent. In addition to the cost of the wall and filling there must be added the cost of extending drains, through all the new streets. These drains, of course, will have to be laid on piled foundations.

SEWERAGE.

The completion of the sewerage system is now in sight. The issue of bonds necessary to secure the funds for this work having been requested by a majority of the freeholders and authorized by a vote of the people, was confirmed by an ordinance of Council ratified on the tenth day of August,

1909. It was offered to the public in August and sold at a slight premium. The bonds were twenty-year bonds, bearing four per cent. interest, payable semi-annually, and amount to \$300,000. There can be no greater evidence of the high credit of the city, in spite of its heavy debt, than the sale of these bonds.

Contracts for the laying of about one-fourth of the pipe have been entered into. It is expected to let all of the work, out during the year 1910 and to complete it in 1911.

The system is identical with a part of that now in use at New Orleans. The City Engineer visited that city last summer and found the system recently installed there working admirably. The Shone System elevates the material by compressed air. The New Orleans system elevates it by electrically driven pumps. The difference in cost of construction and in cost of operation is largely in favor of the pumps, and they have been giving entire satisfaction. Experiments with pumps have been tried in Church Street for several years. It was soon found that the pumps were too small, and not entirely similar to those used in New Orleans. Changes have been made in these, resulting in a much more satisfactory service. It is important, however, to install the pits in lots and not upon the streets. In future lots will be secured for this purpose.

NEW FIRE STATION.

The new engine house on Huger Street has been completed, and by the spring will be fully equipped and in use. The cost of the station and its equipment has been \$20,287. The cost of its operation will be about \$8,000 per annum.

The Department has ordered a motor engine of the latest design, having thoroughly satisfied itself that these engines have proven a success wherever tried. The new engine will be installed in the Wentworth Street Station.

REPORTS.

There is steady improvement year by year in the reports made by the several departments. It is the best evidence of the interest and pride taken in them by those in charge.

The Treasurers' are in demand from cities all over the country. Our Appropriation Bill is being recommended by the Census Department of Washington as a model for municipalities to adopt. The purpose is to show the public in detail what the taxes are levied for, and in such simple form as to be intelligible to anyone.

The departments in like manner are year by year analyzing the expenditures in relation to the work performed more and more. The comparison with former years and with other cities has furnished a stimulus for further efforts and a ground for just pride in their accomplishments.

OPENING NEW STREETS.

The time has arrived when some attention will have to be given this question and some money expended upon it. The ordinances on the subject have been violated in the most flagrant and unfortunate way for a long number of years. Alleys, lanes and courts have been opened by private individuals in direct violation of law, resulting in crooked streets and narrow avenues, with the accompanying obstacles both to sanitation and to police regulation. It would be well to map out the upper portions of our city, at least, in a manner desired by City Council, and begin acquiring the lands necessary for the streets as laid out. Later on they can be opened up as the demand for them arises.

Respectfully submitted,

R. G. RHETT,

Mayor.

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City Treasurer's Reports

CITY TREASURER'S REPORT.

Charleston, S. C., February 4, 1910.

*To the Honorable Mayor
and City Council of Charleston, S. C.*

Gentlemen:

I respectfully submit herewith the Annual Statements and Reports of this Department for the fiscal year ending December 31, 1909, as follows:

1. Transactions of the City Treasury.
2. Consolidated Statement.
3. Receipts and Expenditures, not including Trust Funds.
4. Public Debt.
5. Refund Taxes.
6. Sewerage Extension, Trust Fund.
7. Sewerage, Bond Fund.
8. Commissioners Sinking Fund.
9. Cash Transactions City College Fund.
10. Police Relief Fund.
11. Orphan House Fund.

Very respectfully,

J. O. LEA,
City Treasurer.

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909.
Which Includes all the Current Expenses and Trust Funds Passing Through This Department.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances December 31st, 1908 Dr. Cr.	Ledger Balances December 31st, 1909 Dr. Cr.
Dr.								
To Income Account.....								
Board of Health—								
From Milk Inspection	304.80							
Commissioners Public Lands—								
Rent of Farm to Jan.,								
1910	265.00							
Interment Fees	25.60							
County Dispensaries—								
To Oct. 1, 1909	59,523.83							
Entertainments—								
Amount refunded	100.00							
Fire Department—								
Sale of old hose	295.00							
Interest Account—								
Interest on Deposits.....	11,317.36							
Interest on Note, Guar-								
anteed by Board, Pub-								
lic Works	166.51							
Accrued Interest on Sew-								
er Bonds	1,333.34							
	\$ 12,817.21							
Amount carried forward	\$ 73,241.44						\$ 118,317.50	\$ 77,339.44

Financial Department

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances	
							December 31st, 1908	December 31st, 1909
							Dr.	Cr.
Amount brought forward	\$ 73,241 44						\$118,317 50	\$ 77,339 44
Licenses—								
Carts, Drays, etc.	\$ 10,104.00							
Classified	89,357.25							
Delinquents, 1909	1,210.00							
do 1908	150.00							
do 1906	810.00							
do 1905	2,895.35							
do 1904	100.00							
Penalties	110.00							
Sheriff's Costs	39.75							
Dog Badges	\$105,176.35							
Markets—	223.00							
Rents from stalls, Fees								
from W's and Meas'r's	\$ 3,622.36							
Fire Loss	20.00							
Police Department—								
Fines, Recorder's Court	\$ 16,461.45							
Fortifures, do								
Liquor Cases	17,850.00							
Fines, Dog Pound	\$ 34,311.45							
Sale, Jells Clubs, etc.	38.00							
Sale Unclaimed Property	88.33							
Sale Manure	6.50							
Balance from sale of old	\$ 132.83							
Station	7,000.00						7,000 00	
Amount carried forward	\$ 228,799 43						\$ 11,355 35	\$118,317 50
							\$ 806 00	\$ 77,339 44

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances	
							December 31st, 1908 Dr. Cr.	December 31st, 1909 Dr. Cr.
Amount brought forward	\$ 223,799.43						\$11,355.35 \$118,317.50	\$ 805.00 \$ 77,339.44
Police and Fire Alarm (Underground Wires)— Amount refunded overpaid.....	14.23							
Powder Magazine— Rent	50.00							
Parks— Rent of Farm to July 1, 1909	873.50							
Labor paid by Trustees Enston Home	11.00							
Sale of old boiler, pumps, etc. (Chicora)	100.00							
Summerville and Charleston R R— Amount forfeited	\$ 984.50							
Taxes, 1907	5,000.00							
do 1908	826.47					\$ 826.47	\$ 156.76	
do Nulla Bonas	10,891.65					11,048.41		
do 1909	12.50							
do do	\$509,293.34							
Fire Ins. Co., 7,735.70								
Penalties	\$517,020.04							
Sheriff's Costs	567.43							
Unexpended Appropriations, 1908...	\$529,720.00							
Water Committee— Special Amount refunded	3.80							
	3.23							
Amount carried forward		\$ 759,584.19					\$23,230.23 \$118,317.50	\$ 6,325.86 \$ 77,339.44

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances December 31st, 1908 Dr. Cr.	Ledger Balances December 31st, 1909 Dr. Cr.
Amount brought forward		\$ 759,584 19					\$ 23,230 23 \$118,317 50	\$ 6,325 86 \$77,339
CR.								
By Licenses Refunded	\$ 50.00							
Taxes For—								
1908	\$ 158.45							
1907	8.48							
1909	\$4,188.05							
1909, Fire Ins., 773.57	\$ 4,961.62							
1907, Nulla Bona, \$ 730.85								
1908, Nulla Bona, \$ 849.91								
1909, Nulla Bona, \$ 467.05	\$15,047.81							
Delinquent Licenses—								
1904, Nulla Bona, \$ 500.00								
1905, do 2,895.35								
1906, do 810.00								
1908, do 145.00	\$ 4,350.35							
	\$ 24,526.71	\$ 759,584 19	\$ 24,576 71	\$ 735,007 48				
Expenditures as per Appropriations For Current Year, 1909.								
Alms House	8,760 00		8,733 64		8,733 64	16 36		
Alice Carey Kindergarten Association	75 00		75 00		75 00			
Artisan Well and Lot	100 00		96 46		96 46	3 54		
Assessor's Department	6,850 00		6,842 36		6,842 36	7 64		
Amount carried forward	\$ 15,276 00	\$ 15,247 46	\$ 15,247 46			\$ 27 54	\$ 23,230 23 \$118,317 50	\$ 6,325 86 \$ 77,339 44

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Balance closed into Income Account	Ledger Balances	
							December 31st, 1908	December 31st, 1909
							Dr.	Cr.
Amount brought forward	\$15,275 00		\$15,247 46		\$15,247 46	\$27 54	\$23,230 23	\$77,339 44
Board of Health	14,300 00		13,832 85		13,832 85	467 15		
Board of Public Works								
Highway Appropriation	* 16,100 00							
From 2 1/4 Mill Tax	46,592 00	50,222 70	107,305 67		57,082 97			
Scavenging		68 75	22,557 45		22,488 70	6 30		
Street Cleaning		65 65	22,500 62		22,434 97	0 08		
Charleston Free Kindergarten			75 00		75 00			
Charleston Light and Water Co.			45,222 50		45,222 50	777 50		
Charleston Library Association			100 00		100 00			
City Electrician—Inspection Electric Wires	3,310 00		3,208 22		3,208 22	101 78		
City Engineer	6,400 00		6,229 32		6,229 32	170 68		
City Fire Department	7,500 00		7,325 22		7,325 22	174 78		
City Sheriff	2,500 00		2,380 06		2,380 06	119 94		
City Ordinance Bureau	6,000 00		5,989 38		5,989 38	10 62		
City Hall, Clock and Chimes	3,000 00		2,743 13		2,743 13	256 87		
Clerk of Council	2,225 00		2,223 40		2,223 40	1 60		
College of Charleston	4,500 00		4,570 00		4,500 00			
College Museum—Maintenance	2,500 00	4,170 00	2,500 00		2,500 00			
Commr's Marion Square	2,100 00		2,100 00		2,100 00			
do Public Lands	5,000 00		4,961 13		4,961 13	47 87		
do Management Convicts	4,900 00		4,843 55		4,843 55	156 45		
do Public Schools	1,000 00		1,000 00		1,000 00	30 72		
do Public Schools (Domestic Science)	2,500 00		2,500 00		2,500 00			
do Election Alderman, Ward 8	201 42		201 42		201 42			
do Election, for issuing Sewerage Bonds	1,142 78		1,142 78		1,142 78			
Amount carried forward	\$238,556 17	\$54,457 10	\$275,768 44		\$231,306 34	\$2,249 88	\$23,230 23	\$77,339 44

Financial Department

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances	
							December 31st, 1908	December 31st, 1909
							Dr.	Cr.
Amount brought forward	\$233,556 17	\$ 54,457 10	\$ 285,763 44	.....	\$ 231,306 34	\$ 23,249 83	\$ 23,280 23	\$ 118,317 50
Confederate Home and College	2,500 00	.....	2,500 00	.....	2,500 00	.....	.....	.....
Corporation Counsel and Legal Expenses	4,225 00	.....	4,210 80	.....	4,210 80	14 20	.....	.....
Council and Board of Aldermen	2,150 00	.....	1,817 21	.....	1,817 21	332 79	.....	.....
Dock Commission	100 00	.....	7 50	.....	7 50	92 50	.....	.....
Dog Pound	706 39	.....	706 39	.....	706 39	.....	.....	.....
Drinking Faucets	450 00	.....	.....	.....	.....	450 00	.....	.....
Entertainments	2,717 49	.....	2,708 89	.....	2,708 89	8 60	.....	.....
Extension Fire Alarm to Saxon	1,000 00	.....	902 88	.....	902 88	97 12	.....	.....
Fire Department	60,500 00	.....	60,500 00	.....	60,500 00	.....	.....	.....
Fire Department, New Engine House	9,575 00	.....	9,575 00	.....	9,575 00	.....	.....	.....
Florence Crittenton Home	500 00	.....	500 00	.....	500 00	.....	.....	.....
Freight Bureau	6,000 00	.....	5,611 22	.....	5,611 22	388 78	.....	.....
High School	6,250 00	.....	6,248 98	.....	6,248 98	1 07	.....	.....
Industrial School, Colored Orphans	1,000 00	.....	1,000 00	.....	1,000 00	.....	.....	.....
Interest, Public Debt	155,325 00	6,164 00	161,489 00	.....	155,325 00	.....	.....	.....
Italy Sufferers	1,000 00	.....	.....	.....	.....	1,000 00	.....	.....
Lighting the City	33,579 92	79 50	33,505 13	.....	33,425 53	154 39	.....	.....
Markets	2,720 00	.....	2,720 00	.....	2,720 00	.....	.....	.....
Mayor's Office	4,900 00	.....	4,703 20	.....	4,703 20	196 80	.....	.....
Miscellaneous	2,080 00	.....	1,982 20	.....	1,982 20	77 80	.....	.....
do Mayor's Annual Report	1,767 55	.....	1,767 55	.....	1,767 55	.....	.....	.....
do Lighting St. Matthew's Clock	180 00	.....	180 00	.....	180 00	.....	.....	.....
do Hampton Memorial	400 00	.....	400 00	.....	400 00	.....	.....	.....
do Expenses, 3d Regt. to Washington	1,000 00	.....	955 00	.....	955 00	45 00	.....	.....
do Expenses officials attending Con- vention	546 30	.....	546 30	.....	546 30	.....	.....	.....
do City Bills redeemed	7 90	.....	7 90	.....	7 90	.....	.....	.....
Amount carried forward	\$634,716 72	\$ 60,700 70	\$ 590,398 54	.....	\$ 529,697 84	\$ 5,108 98	\$ 23,280 23	\$ 118,317 50
								6,325 96
								\$ 77,339 44

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

Mayor Rhett's Annual Review

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances	
							December 31st, 1908	December 31st, 1909
							Dr.	Cr.
Amount brought forward	\$534,716 72	\$60,700 70	\$580,308 54	.....	\$523,607 84	\$5,108 88	\$23,230 23	\$118,317 50
Miscellaneous. Water Commissioners	500 00		362 53		362 53	137 47		
do Water Committee—Special	2,125 00		2,093 16		2,093 16	31 84		
do Damage Suits	114 28		114 28		114 28			
do News and Courier Jubilee	100 00		100 00		100 00			
Municipal Court	1,650 00		1,650 00		1,650 00			
Orphan House	9,000 00		20,759 89		8,993 97	6 03		
Park Commissioners	16,830 00		14,965 07		14,965 07	1,864 93		
Police Department	96,000 00		96,891 21		96,891 21	108 79		
Police and Fire Alarm	200 00		150 00		150 00			
Powder Magazine	50 00		33 75		33 75	16 25		
Roper Hospital	29,300 00		29,223 40		29,223 40	76 60		
Sewerage	8,000 00		7,994 11		7,994 11	8 89		
So. Ca. Military Academy	1,550 00		1,500 00		1,500 00	50 00		
So. Ca. Kindergarten Association	500 00		500 00		500 00			
Tidal Drains	5,500 00		5,421 55		5,421 55	78 45		
Transportation	500 00		480 30		480 30	19 70		
West Land Improvement	60,000 00		60,000 00		60,000 00			
Income Acct. brought down	\$ 766,636 00	\$ 72,466 62	\$ 881,547 79	.....	\$ 759,081 17	\$7,554 83		
		759,584 19	24,576 71	\$ 735,007 48				
		\$ 882,060 81	\$ 856,124 50	\$ 735,007 48				
Trust Funds.								
Commissioners Sinking Fund		16,620 15	489,797 20		473,177 05			22,625 79
Commissioners Public Schools		116,529 06	123,771 28		7,242 22			25,121 19
Firemen's Relief Fund		961 14	200 00	761 14				3,761 79
Amount carried forward	\$766,636 00	\$986,151 16	\$1,469,892 98	\$735,758 62	\$1,239,500 44	\$7,554 83	\$23,230 23	\$649,514 40
							\$6,325 86	\$128,968 21

TRANSACTIONS OF THE CITY TREASURY FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909—Continued.

	Appropriations	Gross Receipts	Gross Expenditures	Net Receipts	Net Expenditures	Unexpended Bal- ances closed into Income Account	Ledger Balances	
							Dr.	Cr.
Amount brought forward	\$766,636 00	\$966,151 16	\$1,469,892 98	\$735,753 62	\$1,239,500 44	\$7,554 83	\$23,220 23	\$649,514 40
Green Grocers in Liquidation								\$6,325 86
Police Relief and Pension Fund								\$128,868 21
Sewerage Extension	2,132 86	483 75						343 20
Sewer Bond Fund	5,000 00	13,122 64		1,644 20	8,122 64			13,417 51
Sunnerville and Charleston R. R., forfeited to Sunshine Acct.	300,000 00	432 91		299,597 09				299,597 09
West End Improvement Lot Fund			5,000 00		5,000 00			
West End Improvement, bal. appropriated 1909	88,000 00			88,000 00				88,000 00
Bills Receivable	27,806 71		89,133 39	27,806 71	39,133 39			27,806 71
Unexpended Appropriations, 1897								
do 1898								
do 1908								
do 1909								
Cash, 1908	88,054 47	88,849 81	86,849 81	88,054 47	86,849 81			233 27
Cash, 1909	741,914 68	741,914 68	605,168 49	741,914 68	605,168 49			408 00
								2,702 80
								88,054 47
								605,168 49
								\$765,144 91
	\$766,636 00	\$2,219,088 97	\$2,219,088 97	\$1,982,774 77	\$1,982,774 77	\$7,554 83	\$765,144 91	\$650,627 74

Examined and found correct:

LAWRENCE M. PINCKNEY,

B. F. McLEOD,

Committee on Accounts.

Respectfully Submitted,

J. O. LEA,

City Treasurer.

Mayor Rhett's Annual Review

CONSOLIDATED STATEMENT, 1909, SHOWING GROSS RECEIPTS AND
EXPENDITURES FOR THE FISCAL YEAR ENDING
DECEMBER 31, 1909.

RECEIPTS.	
Surplus from 1908 per balance sheet.....	\$ 95,087.27
Income account	\$ 759,584.19
Board Public Works—Highways	50,222.70
do Scavengering	63.75
do Cleaning .....	.65
College of Charleston	4,170.00
Interest public debt	6,164.00
Lighting	79.60
Orphan House	11,765.92
	<hr/>
	\$ 832,050.81
	<hr/>
	\$ 927,138.08
EXPENDITURES.	
Income account	\$ 24,576.71
Appropriations	831,547.79
	<hr/>
	\$ 856,124.50
Surplus to 1910.	\$ 71,013.58

CONSOLIDATED STATEMENT, 1909, SHOWING RECEIPTS AND EX-
PENDITURES FROM ALL SOURCES, INCLUDING TRUST
FUNDS CARRIED THROUGH CITY LEDGER.

RECEIPTS.	
Income account	\$ 759,584.19
Cash credits	72,466.62
Trust funds	645,123.48
Cash balance December 31, 1908.....	741,914.68
	<hr/>
	\$ 2,219,088.97
EXPENDITURES.	
Income account	\$ 24,576.71
Appropriations	831,547.79
Trust funds	757,795.98
Cash balance December 31, 1909.....	605,168.49
	<hr/>
	\$ 2,219,088.97
Surplus made up as follows:	
Cash balance, December 31, 1909.....	\$ 605,168.49
Bills receivable	39,133.39
	<hr/>
	\$ 644,301.88
Less amount due Trust Funds	573,288.30
	<hr/>
Surplus to 1910	71,013.58
Total amount appropriated	\$ 766,636.00
Net amount expended	759,081.17
	<hr/>
Carried to income account	\$ 7,554.83

Respectfully submitted,
J. O. LEA,
City Treasurer.

Financial Department

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RECEIPTS TO INCOME ACCT. AND AMOUNTS FROM THE DIFFERENT DEPARTMENTS NOT INCLUDING TRUST FUNDS, FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909.

Taxes, Licenses and Fines.	To General Property Tax			
	General Levy Taxes 1909..	\$450,272.54		
	Insurance Companies.....	17,396.48		
	Special for Board Public Works for			
	Improvements.....	40,892.97	508,561.99	
	Taxes, 1907.....		95.62	
	Do 1908		5,041.74	
	Do Nulla bonas.....		12.50	
	Penalties and costs.....		969.34	
				514,681.19
	Licenses, Business, 1909	89,357.25		
	“ Delinquents, 1909.....	1,210.00		
	“ “ 1908.....	5.00		
	“ Vehicles 1909.....	10,104.00		
	“ Penalties and costs.....	149.75		
	“ Dog Badges.....	223.00		
				101,049.00
	Police Dept., Fines Recorder's Court.....	16,461.45		
	Do Liquor Cases.....	17,850.00		
				34,311.45
	Health, Conservation and Sanitation			
	Board Health, Milk Inspection.....	304.80		
	Board Public Works, cleaning, amount returned.....	65		
	Board Public Works, Scavengers.....			
	Sale Manure and Grain Sacks.....	63.75		
				369. 20
	Protecting Life and Property			
	Fire Dept., sale of old hose.....	205.00		
	Dog Pound, Fines.....	72.00		
	Police Dept., sale belts, clubs etc.....	38.00		
	Do.. sale unclaimed property.....	88.83		
	Do. Manure.....	6.50		
		132.83		
	Police and Fire Alarm, amount refunded.....	14.23		
				424 .06
	Highways			
	Board Public Works.....			
	Amt. recd. for Improvements.....	39,133.39		
	Notes C. C. Ry G. & E. Co Do.....	8,056.88		
	Repairs and Material.....	3,032.43	50,222.70	
	Lighting, amount refunded by Colonial Com- mons.....		79.60	
				50,302.30
	Recreation			
	Park Commissioners.....			
	Rent of farm, to July 1, 1909.....	873.50		
	Labor paid by Trustees Enston Home.....	11.00		
	Sale of old boiler pumps, etc. Chicora.....	100.00		
				984.50
	Amount carried forward.....			\$702,121.70

RECEIPTS TO INCOME ACCT. AND AMOUNTS FROM THE DIFFERENT DEPARTMENTS, NOT INCLUDING TRUST FUNDS, FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909.

Amount brought forward.....		\$702,121.70
Charities and Corrections.		
Commissioners Public Lands.		
Rent of Farm to Jan. 1910..... 265.00		
Interment fees..... 25.60		
	290.60	
Orphan House, Interest from Trust Fund for current expenses.....	11,765.92	
Municipal Industries.		12,056.52
Markets, rents, etc.....	3,642.36	
Powder Magazine, rent.....	50.00	
		3,692.36
Entertainments.		
Amount refunded.....		100.00
Education		
College Charleston from Trust Fund.....		4,170.00
Interest Account		
Interest Public Debt, from Commissioners		
Sinking Fund for coupons paid from Current		
Fund	6,164.00	
Interest on deposits..... 11,317.36		
Interest on note guaranteed by Board		
Public Works..... 166.51		
Accrued Interest on Sewer Bonds 1,333.34		
	12,817.21	
Real Estate		18,981.21
Bal. from sale of old Station House S. E. cor.		
King and Hudson Sts.....		7,000.00
Miscellaneous		
County Dispensaries.....	59,523.83	
Unexpended Appro. 1908 amount not called for.....	3.80	
Water Committee Special amount refunded.....	3.23	
Charleston & Summerville R. R. amount for- feited.....	5,000.00	
		64,530.86
		\$812,652.65
Surplus from 1908.....		95,087.27
		\$907,739.92

RECEIPTS TO INCOME ACCT. AND AMOUNTS FROM THE DIFFERENT DEPARTMENTS. NOT INCLUDING TRUST FUNDS, FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909.

Receipts Made up as Follows:			
Current Year Tax 1909.....	\$517,029.04		
Less Nulla Bonas	8,467.05		
		508,561.99	
Surplus from 1908.....	95,087.27		
Taxes other years..... 12,699.96			
Less Nulla Bonas	6,580.76		
	6,119.20		
Licenses..... 105,399.35			
Less Nulla Bonas	4,350.35		
	101,049.00		
Fines Police Dept. Recorders Court.....	34,311.45		
Health Conservation and Sanitation.....	369.20		
Protection Life and Property.....	424.06		
Highways.....	50,302.30		
Recreation.....	984.50		
Charities and Corrections.....	12,056.52		
Municipal Industries.....	3,692.36		
Entertainments.....	100.00		
Education.....	4,170.00		
Interest Account..... 12,817.21			
Do. from Sinking Fund..... 6,164.00			
	18,981.21		
Real Estate.....	7,000.00		
Miscellaneous.....	64,530.86	399,177.93	
		\$907,739.92	
Expenditures..... 856,124.50			
Less Nulla Bonas, Taxes and Licenses 19,398.16		836,726.34	
		\$71,013.58	
Surplus to 1910.....			

Respectfully submitted,

J. O. LEA, City Treasurer.

Mayor Rhett's Annual Review

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro. rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Administration.	Council and Board of Aldermen.					
	Publishing pro- ceedings of Coun- cil, and advertis- ing	\$1,654.98				
	Printing and sta- tionery	135.15				
	Incidental expen- ses.....	27.08	\$1,817.21			
	Clerk of City Council					
	Salary of Clerk.....	2,100.00				
	Printing, station- ery and P. O. stamps, etc.....	122.10				
	Incidental expenses	1.30	2,223.40			
	Mayor's Office					
	Salary of Mayor	3,500.00				
	Do Mayor's Sec- retary.....	900.00	4,400.00			
	Special Steno- graphic work...	100.00				
	Telegrams, P. O. stamps, printing stationery, etc.	203.20	4,703.20			
	Treasury Dept.					
	Salary of Treasurer	2,700.00				
	Do Chief clerk and cashier.....	1,700.00				
	Do 1st Asst. clerk	1,100.00				
	Do Book-keeper 11 mos.....	1,041.65	6,541.65			
	License Badges for vehicles, hackmen and hucksters.....	206.35				
	Books, station- ery, P. O. stamps, printing, etc....	479.30				
	Advertising Tax notices, etc....	97.92	7,325.22			
			\$ 16,069.03			

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.76.
Administration.	Amt. brought forward.....	\$ 16,069.03				
	Assessor's Department.					
	Salary of Assessor. 2,100.00					
	Do. Clerk.... 1,500.00					
	Do. License In- spector..... 1,500.00					
	Salary of Type- writer..... 87.50					
	Do. Clerk County Auditor's Office 170.00					
	Extra help making up Tax and Li- cense books.... 393.00					
		5,750.50				
	Tax and License books, printing blanks, station- ery, P. O. stamps, etc..... 276.30					
	Advertising..... 311.56					
	Incidentals..... 4.00					
		6,342.36				
	Sheriff's Office, Collecting Delin- quent Taxes and Licenses.					
	Salary of Sheriff.. 1,800.00					
	Do. under do.. 900.00					
		2,700.00				
	Advertising delinquents.... 128.26					
	Printing, stationery, P. O. stamps, etc..... 41.75					
	Incidentals..... 10.05					
		2,880.06				
	Law Offices.					
	Salary of Corpora- tion Counsel.... 2,400.00					
	Salary of clerk 600.00					
	Other legal ex- penses..... 1,150.00					
		4,150.00				
	Stationery, printing, etc.. 21.70					
	Attending Court outside City 25.10					
	Incidentals..... 14.00					
		4,210.80				
		\$ 29,502.25				

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped.	Pro rata Share of Receipts from all Sources except current year's tax, 1906.	Pro rata Share Received from current year's tax, 1906.	Cost of each group per \$1,000 of assessed values when total rate is \$27.76.
Administration.	Amt. Brought forward.....		\$ 29,502.25			
	Engineer's Department.					
	Salary of Engineer 2,500 00					
	Do. 1st Asst. do. 1,400 00					
	Do. 2d. Asst. do 1,000 00					
	Do. Office Assts.. 960 00					
		5,860.00				
	Telephone.....	25.20				
	Stationery, printing, car tickets, stamps, etc.....	344.12				
			6,229.32			
	Municipal Court.					
	Salary of Recorder.....	1,500.00				
	Do. Clk. City Court.....	150.00				
			1,650.00			
	Comms. of Election.					
	Election Alderman, Ward 8.					
	Salaries of Commis- sioners and clerk.. 120.00					
	Salary of Mana- gers and clerk.. 40.00					
		160.00				
	Erecting barricade.....	10.00				
	Rent of polling precinct... 10.00					
	Printing, advertising, etc.. 21.42					
			201.42			
	Election to issue sewer bonds.					
	Salary of Com- missioners and clerk..... 279.00					
	Salaries, Mana- gers and clerks 480.00					
		759.00				
	Erecting barricades.....	128.00				
	Rent of polling precincts.. 115.00					
	Printing, advertising, etc.. 140.78					
			1,142.78			
	Bureau of Freight, Immigration and Statistics.					
	Salary of Man- ager..... 3,000.00					
	Do. of Clerk... 900.00					
		3,900.00				
			\$ 38,725.77			

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Administration.	Amt. brought forward	\$ 38,725.77				
	Bureau of Freight, Immigration and Statistics—Continued.					
	Brt. forward, 3,900.00					
	Salary of Steno- grapher..... 720.00					
	Extra Steno- graphic work... 10.00					
	Attorney's fees.. 300.00					
		4,930.00				
	Telephone..... 42.00					
	Office rent and current... 217.00					
	Railroad expenses..... 160.75					
	Stationery, printing, stamps, ice and incidentals. 261.47					
		5,611.22				
	Municipal Building.					
	City Hall					
	Salary of Janitor... 450.00					
	Do. of Fireman... 316.66					
	Extra Labor..... 100.00					
	Salaries of keepers, St. Michael's and St. Matthew's clocks..... 480.00					
		1,346.66				
	Ringin Chimes..... 30.00					
	Telephones..... 96.60					
	Electric Lights.. 81.42					
	Gas do..... 63.90					
		145.32				
	Fuel..... 163.10					
	Ice..... 75.50					
	Furniture, matting, etc... 144.25					
	Repairs..... 326.72					
	Installation 2 Electric lights on front porch of City Hall..... 257.00					
	City Directories, laying and taking up carpets, etc.... 157.98					
		2,743.13	47,080.12	22,570.66	24,509.46	1.3019
			47,080.12	22,570.66	24,509.46	1.3019

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed value when total rate is \$27.75
Amt. brought forward			\$ 47,080.12	\$ 22,570.66	\$ 24,509.48	1.3019
Fire Department.						
Salary of Chief...	1,920.00					
Do. Asst. do....	1,200.00					
Do. Actg. Supt.						
Fire Alarm...	600.00					
Do. Lineman...	240.00					
Do. Supt. Hor-						
ses.....	300.00					
Salaries Engineers,						
Callmen, Driv-						
ers, etc.....	39,520.00					
	43,780.00					
Horses purchased.....	850.00					
Forage, grass and salt....	3,564.03					
Sawdust.....	1.00					
Horse shoeing.....	323.11					
Uniforms.....	200.00					
Bedding.....	109.30					
New hose and suction	2,545.14					
8 Circuit repeaters.....	1,275.00					
New storage batteries....	540.38					
Combination hose						
wagon.....	1,500.00					
Wire, poles and						
labor extending						
fire alarm.	764.46					
	2,264.46					
Printing and stationery...	229.58					
Telephones.....	340.20					
Lights and current.....	557.44					
Fuel.....	614.62					
Drugs.....	100.00					
Regulating time clock	12.00					
Ice.....	54.60					
Renewals, repairs, oil, waste						
chemicals, etc.....	2,903.54					
Incidentals, Typewriter,						
stamps, etc.....	150.90					
Do. attending Conven-						
tion.....	84.70					
	60,500.00					
	60,500.00		47,080.12	22,570.66	24,509.48	1.3019

Protection Life and Property.

Financial Department

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CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

	Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Protection Life and Property.					
Amt brought forward	\$ 60,500.00	\$ 47,080.12	\$ 22,570.66	\$ 24,509.46	1.3019
New Engine House.					
Purchase of land and recording title..	1,502.75				
Architect.....	375.23				
Erecting Engine House.....	6,950.65				
Hardware and Steam fittings.	214.68				
	7,165.33				
Gong and Indicator.....	225.00				
Heater and connections	183.48				
Brass sliding pole	98.21				
Cut loose for doors and horses	25.00				
	9,575.00				
Water.					
Contract Charleston Light and Water Co.....	43,933.25				
Extra hydrants.....	992.58				
Amount due from 1908...	296.67				
	45,222.50				
Inspection.					
Salary of Electrician.....	1,799.99				
Do. of Assistant do.....	900.00				
	2,699.99				
Storm damages.	331.08				
Printing, stationery, P. O. stamps, etc.....	77.15				
Expenses attending Convention.....	100.00				
	3,208.22				
Police and Fire Alarm.					
(Underground wires).....					
Changing Register.....	150.00				
Extension Fire Alarm to Saxon.					
Pay rolls.....	324.24				
Wire, etc.....	450.52				
Hire buggy and incidentals	128.12				
	902.88				
Amt carried forward	119,558.60	47,080.12	22,570.66	24,509.46	1.3019

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro. rata share of receipts from all sources except current year's tax, 1909.	Pro. rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed value of property at current total rate 1909.
Protection Life and Property.	Amt. brought forward	\$ 119,558.60	\$ 47,080.12	\$ 22,570.66	\$ 24,509.46	1.3019
	Police Department.					
	Salary of Chief 1,920.00					
	Do. 1st Lieutenant...	1,320.00				
	Salary of 2d Lieutenant...	1,200.00				
	Salary of 3d Lieutenant...	1,200.00				
	Salary of Clerk..	849.84				
	Do. 2 Orderly Sergeants.....	1,699.68				
	Salary of 9 Sergeants.....	7,042.81				
	Salary of Chief Detective...	924.96				
	Salary of 3 Detectives...	2,399.76				
	Salary of Line-man.....	255.25				
	Salaries of Engineers	320.00				
	Salary of Veterinary Surgeon.....	300.00				
	Salaries of Patrolmen, Gate-men, Drivers, etc.....	68,741.78—88,174.08				
	Petty cash.....	300.00				
	Forage.....	2,066.02				
	Sawdust.....	99.75				
	Purchase of horses.....	365.00				
	Shoeing horses.....	268.75				
	Rubber coats.....	129.50				
	Overcoats.....	424.00				
	Telephones.....	100.60				
	Current and Lights.....	1,149.05				
	Lanterns and Oil.....	242.33				
	Bread for prisoners.....	75.33				
	Fuel.....	408.75				
	Printing, stationery and clubs.....	333.05				
	Amt. carried forward ...	94,136.21	119,558.60	47,080.12	22,570.66	24,509.46
						1.3019

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Protection Life and Property.	Amt. brought forward	\$ 119,558.60	\$ 47,080.12	\$ 22,570.66	\$ 24,509.46	1.3019
	Police Department—Cont'd.					
	Brought Forward	94,136.21				
	Insurance.....	168.50				
	Renewals, harness, line and signal supplies, repairs building, wagon, bicycle uniforms, ice, etc.....	1,586.50				
			95,891.21			
	Dog Pound.					
	Badges.....	15.00				
	Keeper of pound.....	140.00				
	Dog catcher.....	232.50				
Health Conservation and Sanitation.	Hire of wagon.....	187.50				
	Rent of pound.....	15.00				
	Meat, sawdust, etc.....	116.39				
			706.39			
	Board of Health.					
	Salary Health					
	Officer.....	1,800.00				
	Salary of clerk... ..	1,200.00				
		3,000.00				
	Incidentals, petty cash and miscel- laneous expenses	231.73				
	Expenses attend- ing tuberculosis convention.....	57.60				
			289.33			
	Printing, stationery, etc....		314.67			
	Salary of					
	Bacte- riologist	900.00				
	Salary of					
	help... ..	60.00				
Health Conservation and Sanitation.		960.00				
	Office expenses.. ..	452.33				
			1,412.33			
	Salary of Milk and					
	Meat Inspector.	1,440.00				
	Salary of Asst....	600.00				
		2,040.00				
	Office expenses.. ..	33.01				
			2,073.01			
	Amt. carried forward.....	7,089.34	\$ 263,236.32	\$125,692.52	\$137,543.80	7.3064

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped.	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.76
Health Conservation and Sanitation.	Amt. brought forward		\$ 263,236.32	\$125,692.52	\$137,543.80	7.3064
	Board of Health—Cont'd.					
	Brought forward	7,089.34				
	Salary, Chief Sanitary Inspector.....	960.00				
	Salaries of 4 In- spectors	2,640.00				
		3,600.00				
	Telephone	12.60				
	Disinfection, Salary of store-keeper...	660.00				
	Cartage, distributing disinfectants...	525.35				
	Incidentals.....	29.33				
		1,214.68				
	Purchase of Disinfectants.	632.30				
	Steam disinfection.....	100.00				
	Pest House, Salary of watch- man	60.00				
	Ambulance hire..	300.00				
		360.00				
	Repair drinking faucets..	147.36				
	Tuberculosis Exhibit.....	676.57				
		13,832.85				
	Board of Public Works. (Street Cleaning.)					
	Pay rolls.....	17,073 15				
	Veterinary Surgeon	146.25				
		17,219.40				
	Purchase of Mules.....	275.00				
	Do. of Sweeper.....	375.00				
	Forage and salt.....	2,210.91				
	Sawdust.....	10.75				
	Repairs carts, harness, etc.	900.89				
	Horse shoeing	151.24				
	Fuel.....	5.00				
	Lights.....	43.26				
	Insurance.....	78.17				
	Telephone	14.00				
		21,283.62				
	Amt. carried forward	35,116.47	263,236.32	125,692.52	137,543.80	7.3064

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped.	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75.
Amt. brought forward		\$ 35,116.47	\$ 263,236.32	\$125,692.52	\$137,543.80	7.3064
Board of Public Works.						
Scavengering.						
Salary of Supt.	1,180.00					
Do. Veterinarian						
Surgeon	243.75					
Pay rolls	10,895.80					
	12,319.55					
Purchase of carts, freight and paint- ing numbers on carts	2,568.28					
Purchase of mules	1,225.00					
	3,793.28					
Forage	3,829.68					
Sawdust	17.50					
Repairs carts, harness, etc.	1,959.52					
Horse shoeing	235.10					
Lights	18.75					
Fuel	93.09					
Removal dead animals . .	120.00					
Insurance	131.83					
Printing, stationery, etc. .	11.15					
Telephone	28.00					
	22,557.45					
Sewerage Department.						
Salary of Engi- neer	882.50					
Salary, 2 fire- men	955.33					
Salary of machinist and extra labor . . .	126.00					
	1,963.83					
Fuel	491.25					
Current	229.45					
Printing, stationery and advertising	30.74					
Feed pump	33.00					
Oil, waste, fire clay, grease lanterns, grate bars, fittings, cleaning pit, ice, car tick- ets, etc	245.84					
Sewerage extension (Trust Fund) amount turned over by resolution City Council .	5,000.00					
	7,994.11					
Amt. carried forward		65,668.03	\$ 263,236.32	\$125,692.52	\$137,543.80	7.3064

Health Conservation and Sanitation.

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped.	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed value at current rate \$27.76.
Health, Conservation & Sanitation	Amt. brought forward	\$ 65,668.03	\$ 263,236.32	\$125,692.52	\$137,543.80	7.3064
	Tidal Drains.					
	Salary, Keeper... 900.00					
	Pay rolls, clean- ing and repairing drains..... 4,035 69					
		4,935.69				
	Materials..... 485.86					
		5,421.55	71,089.58	33,914.78	37,174.80	1.9747
Highways.	Board of Public Work.					
	Salary of Clerk 1,200.00					
	Do. Secretary. 275.00					
	Veterinary Sur- geon..... 18.00					
		1,493.00				
	Rent of lots..... 210.00					
	Horse Shoeing..... 18.96					
	Forage..... 78.72					
	Printing, sta- tionery and advertising..... 491.04					
	Petty Cash..... 40.00					
	Plumbing and Contractors' repairs..... 2,476.60					
	Repairs to Steam roller, buggy, carts, harness etc..... 607.02					
	Repairs to double truck..... 200.00					
	Supplies at lot.... 320.20					
	Car tickets..... 170.00					
	Miscellaneous } Expenditures } 531.23					
		6,836.77				
	Sidewalks.					
	Pay rolls..... 1,833.67					
	Material..... 6,068.01					
		7,901.68				
	Curbing.					
	Pay rolls..... 4,909.11					
	Material..... 2,174.32					
		6,883.43				
	Amt. carried forward ..	21,621.88	334,325.90	159,607.30	174,718.60	9.2811

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75	
	Amt. brought forward....	\$21,621.88		\$ 334,325.90	\$159,607.30	\$174,718.60	9.2811
	Board Public Works—Cont'd.						
	Roadways.						
	Pay rolls.....	2,825.50					
	Material.....	3,946.64					
		6,772.14					
	Paving.						
	Pay rolls.....	18,096.78					
	Material.....	54,891.30					
		72,988.08					
	Drains.						
	Pay rolls.....	3,580.91					
	Material.....	2,342.66					
		5,923.57					
		107,305.67					
	Sprinkling Streets.						
	Pay rolls.....	102.45					
	Purchase of						
	Mules.....	550.00					
	Do.Sprinkler.....						
	and freight.....	321.50					
	Hose, oil, re-						
	pairs, harness,						
	etc.....	243.05					
		1,217.00					
	Dock Commission.	.					
	Stationary....		7.50				
	Street Lighting.						
	Contract for						
	Electric						
	Lights.....	17,286.86					
	Contract for						
	Gas Lights..	14,438.10					
		31,724.96					
	Incidentals....	25					
	Installing Arches						
	for Electric						
	Lights, King..						
	St.....	1,779.92	33,505.13	142,035.30	67,760.93	74,274.37	3.9455
	Amt. carried forward			476,361.20	227,368.23	248,992.97	13.2266

Highways.

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

Charities and Corrections.		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
	Amt. brought forward		\$476,361.20	\$227,368.23	\$248,992.97	13.2266
	Alms House.					
	Salary of Master.....	500.00				
	Salary of Matron.....	300.00				
	Do. Clerk.....	300.00				
	Do. Secretary.....	300.00				
	Do. House-help.....	228.00				
		1,628.00				
	Fuel	278.95				
	Lights.....	181.21				
	Insurance.....	20.35				
	Printing, station-ary and ad-vertising.....	137.29				
	House furnish-ing, hardware, etc.....	46.55				
	Repairs.....	479.82				
	Cleaning pit.....	39.00				
	Petty Cash.....	750.00				
	Groceries, meat, dry goods, clothing, shoes bread, milk, drugs, etc.....	5,172.47				
		8,733.64				
	Transportation.					
	Payments transportation of paupers to the first town outside the limits of the State.....	480.30				
	Commissioners Public Lands.					
	Old Folks Home Colored.					
	Salary of Steward.....	399.96				
	Do. of Matron.....	180.00				
	Do. of Secretary.....	300.00				
	Do. Grave digger.....	192.00				
	Salary of house help, cooks, etc.....	132.00				
	Salary of seamstress.....	10.00				
	Labor.....	117.00				
		1,330.96				
	Amt. carried forward	1,330.96	9,213.94	476,361.20	227,368.23	248,992.97
						13.2266

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75.
Charities and Corrections.	Amt. brought forward	\$ 9,213.94	\$ 476,361.20	\$227,368.23	\$248,992.97	13 2266
	Old Folks Home Colored—Cont'd.					
	Brought Forward	1,330.96				
	Fuel	411.80				
	Printing, stationery and advertising	45.32				
	Hose, repairs, etc	533.56				
	Oil and lamps	17.69				
	Groceries, meat, dry goods, shoes, bread, etc	2,504.22				
		4,843.55				
	Florence Crittenton Home	500.00				
	Industrial School Col'd Orphans					
	Maintenance in part drawn by order of Chairman	1,000.00				
	City Orphan Asylum.					
	House help, cook, washers and labor	440.00				
	Books, printing, advertis- ing and stationery	30.11				
	Lights	81.08				
	Fuel	328.70				
	Repairs	92.96				
	Hardware	24.85				
	Forage	245.32				
	Groceries, meat, drygoods, shoes, bread, drugs, etc ..	4,659.21				
	Incidentals	87.15				
		5,989.38				
	Roper Hospital.					
	Care City patients per con- tract	28,800 00				
	Expenses and transporta- tion insane patients to Columbia	423.40				
		29,223.40				
	Amt. carried forward	50,770.27	476,361.20	227,368.23	248,992.97	13.2266

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

	Cost of Departments.	Total Cost of Departments as Grouped	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed value when total rate is \$27.75.
Charities and Corrections.					
Amt. brought forward.....	\$ 50,770.27	\$ 476,361.20	\$227,368.23	\$248,992.97	13.2266
Orphan House.					
Salary of Principal, 1,500.00					
Salaries of Teachers..... 2,090.13					
Salary of Secretary..... 499.92					
Salaries of Matrons..... 479.50					
Salary of Gate Keeper..... 240.00					
Salary of Engineer 999.96					
Do. of Gardener... 195.00					
Salary of cooks, and washers... 858.65					
Salary of seamstresses..... 119.00					
Salary of Physician..... 690.00					
	7,672.16				
Petty cash..... 1,500.00					
Insurance..... 37.30					
Fuel..... 929.25					
Lights..... 267.00					
Books, stationery, printing and advertising..... 226.60					
Repairs, hardware, labor, etc..... 1,606.02					
Incidentals, seeds, disinfectants, etc..... 105.93					
Groceries, meat, dry goods, shoes, drugs, bread, etc... 7,970.78					
Forage..... 444.85					
	20,759.89				
Prisons and Reformatories.					
Commr's Management Convicts.					
Salary, Supt 960.00					
Do. Secretary .. 300.00					
Do. Guards..... 2,938.79					
	4,198.79				
Carting meals..... 240.00					
Printing, advertising and stationery..... 7.64					
Shackles, belts, soap, etc... 109.40					
Portable closets..... 53.70					
Suits, etc..... 259.75					
	4,869.28	76,399.44	36,447.96	39,951.48	2.1222
Amt. carried forward		552,760.64	263,816.19	288,944.45	15.3488

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

	Cost of Departments.	Total Cost of Departments as Grouped.	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75.
Education.					
Amt. brought forward.....		\$ 552,760.64	\$263,816.19	\$288,944.45	15.3488
Charleston Library Association.....					
Binding and preserving valuable papers.	100.00				
College of Charleston.					
Current expenses. 4,000.00					
Do 4,170.00					
	8,170.00				
Lights.....	50.00				
Interest dormitory acct. over estimated income..	200.00				
Deficiency on account of increased number of students and work in library for preserving papers....	250.00				
	8,670.00				
College Museum Maintenance.					
Salaries.....	1,903.28				
Petty cash.....	188.00				
Printing and stationery...	171.77				
Lights.....	34.17				
Heating.....	48.23				
Telephone.....	24.13				
Repairs and labor.....	66.15				
Expenses attending convention.....	64.27				
	2,500.00				
College Museum Repairs					
Painting and plumbing.....	2,100.00				
High School.					
Contract.....	4,000.00				
Special school work.....	1,000.00				
Additional appro. for Maintenance.....	1,000.00				
Repairs.....	248.93				
	6,248.93				
So. Ca. Kindergarten Ass'n.....	500.00				
Alice Cary Kindergarten Ass'n. (Col'd.)..	75.00				
Charleston Free Kindergarten Ass'n (Col)	75.00				
Commissioners Public Schools.....					
Adjustment of interest on School Funds.	1,000.00				
Contribution to Domestic Science, Bal. of 5,000.....	2,500.00				
Confederate Home and College.....					
Contribution, City having 3 scholarships. bal. of 5,000.....	2,500.00				
So. Ca. Military Academy.					
5 scholarships.....	1,500.00	27,768.93	13,247.76	14,521.17	.7713
		580,529.57	277,063.95	303,465.62	16.1201
Amt. carried forward					

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total Cost of Departments as Grouped	Pro rata Share of Receipts from all Sources except current year's tax, 1909.	Pro rata Share Received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed value when total rate is \$37.76.
Recreation.	Amt. brought forward.....		\$ 580,529.57	\$277,063.95	\$303,465.62	16.1201
	Artesian Well and Lot.					
	Repairs pumps, etc.....	96.46				
	Commissioners Marion Square.					
	Salary of keeper 400.00					
	Extra labor... 19.50					
		419.50				
	Mower, repairs tools, etc....	76.63	496.13			
	Entertainments.					
	For Congressional Party...					
	Admiral McLenn, Secretary of War, Cotton Manufacturing Association, Italian Cruiser, Cruiser No. Ca., and President Taft.....	2708.89				
	Parks.					
	Purchase Land.. 1,500.00					
	Title..... 25.00					
	Interest on bond..... 330.00					
		1,855.00				
	Salary of Supt.... 1,000.00					
	Do. Secre- tary..... 300.00					
	Salary of Gar- dener, Hamp- ton..... 720.00					
	Salary of Watchmen, do. 723.50					
	Pay rolls..... 5,738.11					
		8,481.61				
	Material, mower cart, hauling tree links, lumber, repairs, etc..... 1,853.59					
	Repairing and painting fence Flynn's Park.. 78.28					
		1,931.87				
	Amt. carried forward	12,268.48	3,301.48	580,529.57	277,063.95	303,465.62
						16.1201

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Recreation.	Amt. brought forward. . . . \$12,268.48	\$ 3,301.48	\$ 580,529.57	\$277,063.95	\$303,465.62	16.1201
	Parks—Cont'd.					
	Uniforms..... 17.75					
	Music..... 270.00					
	Shoeing..... 25.50					
	Forage..... 270.08					
	Lights..... 10.00					
	Purchase trees, shrubs, seed, etc..... 791.78					
	Improvements:					
	Pay roll..... 13.50					
	Curb Lucas Street..... 264.60					
	Swans and ex- pressage..... 166.10					
	½ cost concrete sidewalk Chi- cora..... 52.50					
	Material, haul- ing, etc..... 587.05					
		1,083.75				
	Special recording, etc..... 35.65					
	Incidentals, car tickets, petty cash, hire of buggy and bus, serving war- rant, printing, ad- vertising, station- ery, insurance, etc. 192.08	14,965.07	18,266.55	8,714.45	9,552.10	.5074
	Amt. carried forward		598,796.12	285,778.40	313,017.72	16.6275

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Municipal Industries.	Amt. brought forward		\$ 598,796.12	\$285,778.40	\$313,017.72	16.6275
	Markets.					
	Salary, Clerk..... 900.00					
	Do. weights and measures..... 800.00					
	Labor..... 540.00					
		2,240.00				
	Fuel..... 4.00					
	Lights..... 125.70					
	Insurance..... 76.00					
	Advertising, printing and stationery..... 32.35					
	Repairs..... 190.40					
	Ice, brooms, etc..... 51.55					
		2,720.00				
	Powder Magazine.					
	State Taxes..... 33.75					
	West End Improvement.					
	Salary Inspectors 1,254 00					
	Consulting Engi- neer..... 1,100.00					
	Deposited to guar- antee U. S. In- spector on Dredge..... 1,000.00					
		3,354.00				
	Amount paid on contract for sea-wall, drain and filling.. 22,661 91					
	Preliminary investigations.. 1,619.81					
	Instruments, drawing mate- rials, stationery, printing, advertising, P. O. stamps, cartage, etc..... 200.35					
	Rent of Office..... 22.50					
	Boat for Inspec- tors..... 300.00					
	Boat supplies..... 10.97					
		310.97				
	Legal expenses.					
	Options..... 1,500.00					
	Quit. claims and releases..... 2,475.00					
	Recording..... 49.75					
		4,024.75				
	Amt. turned over to Trust Fund..... 27,805.71	60,000.00	62,753.75	29,827.90	32,925.85	1.7490
	Amt. carried forward.....		661,549.87	315,606.30	345,943.57	18.3765

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

		Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
	Amt. brought forward.....		\$ 661,549.87	\$315,606.30	\$345,943.57	18.3765
Miscellaneous.	Mayor's Annual Report.....	1,767.55				
	Lighting St. Matthew's Clock.....	180.00				
	Hampton Memorial.....	400.00				
	City bills redeemed.....	790				
	Expenses 3d Regt. to Washington.....	955.00				
	Damaged Suits.....	114.28				
	News and Courier, Jubilee.....	100.00				
	Expenses officials to conventions.....	546.30				
	Water Commissioners.					
	Salary of Sec- retary..... 300.00					
	Typewriting.... 34.25	334.25				
	State Tax, property Giv- han's Ferry.....	28.28				
		362.53				
	Water Committee, Special.					
	Salary, Chemist... 1,500 00					
	Do Secretary.... 60.00	1,560.00				
	Printing and stationery...	21.25				
	Rent of Office.....	60.00				
	Lights and current.....	32.19				
Interest Acct.	Insurance.....	5.50				
	Chemicals.....	20.33				
	Incidentals, drying oven, ice, water still, etc.....	393.89				
		2,093.16				
	Miscellaneous expenses.....	1,982.20	8,508.92	4,059.36	4,449.56	.2364
	Interest Public Debt.					
	Int. on 4% bonds due July, 1909 and re- turned by Sinking Fund.....	6,164.00				
	4% on 3,350,000.00 Bonds.....	134,000.00				
	4½% on 100,000.00 bonds.....	4,500.00				
	5% on 313,500.00 bonds.....	15,675.00				
Refunds.	5% on 23,000.00 stock.....	1,150.00				
			161,489.00	77,041.73	84,447.27	4.4859
			831,547.79	396,707.39	434,840.40	23.0988
	Taxes 1907.....	8.48				
	Do 1908.....	158.45				
	Do. 1909.....	4,188.05				
	Do. 1909 being 10% on Tax received from Fire Insurance Cos.....	773.57				
	Classified Licenses.....	50.00				
			5,178.55	2,470.54	2,708.01	.1438
			836,726.34	399,177.93	437,548.41	23.2426

CURRENT EXPENDITURES FOR THE FISCAL YEAR ENDING DECEMBER 31, 1909, CLASSIFIED BY CHARACTER AND SOURCE—Continued.

	Cost of Departments.	Total cost of Departments as grouped.	Pro rata share of receipts from all sources except current year's tax, 1909.	Pro rata share received from current year's tax, 1909.	Cost of each group per \$1,000 of assessed values when total rate is \$27.75
Amt. brought forward		\$ 836,726.34		\$437,548.41	23.2426
Surplus 1909.....		71,013.58		71,013.58	3.7723
Nulla Bonus Taxes 1909.....				8,467.05	.4497
Balance unpaid Taxes 1909 under execution.....				5,364.10	.2849
		907,739.92		522,393.14	27.7495

Assessments.					
Real Estate.	\$13,168.825.00				
Personal	5,656.153.00				
	\$18,824,978.00				
At 27½ mills				\$522,393.14	
Net Cost City Government 1909					
Total gross current expenditures for 1909.....		836,726.34			
Less Credits:					
Refunds, Taxes and Licenses	5,178.55				
Board Public Works, Highways	50,222.70				
Scavengering.....	63.75				
Cleaning	65				
College of Charleston.....	4,170.00				
Interest Public Debt....	6,164.00				
Lighting.....	79.60				
Orphan House.....	11,765.92				
		77,645.17			
Net Cost.....		\$759,081.17			

Respectfully submitted,
J. O. LEA, City Treasurer.

PUBLIC DEBT, DECEMBER, 1909.

Issue 4 % Bonds due.....	1937.....	\$ 1,850,000.00	
" " " " "	1938.....	1,500,000.00	
			\$3,350,000.00
" " " Sewer Bonds due.....	1929.....		300,000.00
Issue 4½% Bonds due	April, 1928.....	\$ 90,000.00	
" " " " "	Oct., 1928.....	10,000.00	
			100,000.00
Issue 5% Bonds due	1922.....	\$ 50,000.00	
" " " " "	1923.....	56,000.00	
" " " " "	1924.....	62,500.00	
" " " " "	1925.....	90,000.00	
" " " " "	1926.....	55,000.00	
			313,500.00
" " Stock (College			23,000.00
			\$4,086,500.00

Respectfully submitted,
J. O. LEA,
City Treasurer.

REFUND TAXES.

The following amounts were refunded under the ordinance ratified March 24, 1896, to exempt manufacturers.

Carroll, Thos., 1909, third year.....	\$ 285.81
Charleston Paper Box Mfg, 1909, first year	27.75
Germofert Mfg. Co., 1909, third year	2,419.80
Halsey Lumber Co., 1909, fifth year	279.59
Hanley Mfg. Co., 1909, fifth year.....	180.38
Marjenhoff Co., 1909, fourth year	540.85
Southern Pickle Co., 1909, fifth year	113.78
Woodstock Hardwood and Spool Manufacturing Co., 1909, third year...	196.75

\$ 4,044.71

NOTE.—\$310.27 Taxes, 1907, 1908, 1909, were refunded by resolution City Council to sundry persons for over assessments.

Respectfully submitted,
J. O. LEA,
City Treasurer.

SEWERAGE EXTENSION (TRUST FUND), RECEIPTS AND EXPENDITURES FROM JANUARY 1, 1909, TO DECEMBER 31, 1909.

RECEIPTS.

To balance from Trust Fund, Dec. 31, 1908.....	\$ 9,233.12	
To amount transferred from Sewerage Dept. by resolution City Council, Nov. 23, 1909.....	5,000.00	
		<u>\$ 14,233.12</u>

EXPENDITURES.

By salary, Inspector	\$ 634.50	
By salary, Machinist	966.00	
By labor, repairs	10.90	
		<u>\$ 1,611.40</u>
By construction, laying pipes and repairs, drains..	8,640.25	
By terra cotta pipes.....	\$1,479.29	
By iron pipes and castings	298.05	
		<u>\$ 1,777.34</u>
By freight and hauling pipes.....	451.11	
By motor and starter	\$ 421.82	
By freight and hauling	12.43	
		<u>\$ 434.25</u>
By Centrifugal pump	\$ 148.30	
By gate valve	12.75	
By hauling	5.98	
		<u>\$ 167.03</u>
By advertising	2.16	
By Miscellaneous Expenses:		
Taps, cleaning pit, P. O. stamps, car tickets, etc.	39.10	
		<u>\$ 13,122.64</u>
By balance		<u>1,110.48</u>
		<u>\$ 14,233.12</u>

Respectfully submitted,
J. O. LEA,
City Treasurer.

SEWER BONDS (TRUST FUND).

Proceeds from sale of Bonds, issued under Act of the Legislature February 24, 1908, and an Ordinance of City Council ratified August 10, 1909:

RECEIPTS.

To proceeds from sale of Bonds	\$ 300,000.00	
To premium on same	30.00	
		\$ 300,030.00

EXPENDITURES.

By printing Bonds	\$ 295.00	
By advertising for bids	31.63	
By telegrams	1.76	
By expenses City Engineer: Investigating system...	104.50	
		\$ 432.91
By balance		299,597.09
		\$ 300,030.00

Respectfully submitted,
J. O. LEA,
City Treasurer.

CASH TRANSACTIONS COMMISSIONERS SINKING FUND,
JANUARY 1, 1909, TO DECEMBER 31, 1909.

DR.

To balance from last Annual Statement.....		\$ 495,802.84
To Rents:		
Broad, Logan and New Streets.....\$	253.33	
Insurance premium returned	9.62	
		\$ 262.95
To Interest Account:		
January, 1909, coupons on \$1,700 on 4% Bonds		
redeemed December, 1908	\$ 34.00	
January, 1909, coupons on \$1,100 4% Bonds	22.00	
July, 1909, coupons on \$1,000 4% Bonds..	20.00	
		\$ 76.00
To Bond Account:		
4% Bonds due January, 1909, redeemed...		100.00
To Real Estate:		
Property Broad, Logan and New Streets....\$	6,500.00	
Less adtg. and coms.	188.75	
		\$ 6,311.25
To Interest Account:		
Interest on deposits		9,869.95
		\$ 512,422.99

CR.

By Bonds 4% due Jan. and July, 1909, redeemed..		\$ 473,200.00
By Bond Account:		
\$10,000 Sewer Bonds		10,219.44
By Rents:		
Insurance, Broad, Logan and New Streets	19.25	
Repairs same	180.00	
		\$ 199.25
By State Tax:		
Norman St. and Roberts Ct.		2.01
By Expense Account:		
Check and cash books		12.50
By Interest Account:		
Coupons paid City on 4% Bonds due		
		\$ 512,422.99
July, 1909		6,164.00
		\$ 489,797.20
Balance		22,625.79

CASH TRANSACTIONS COMMISSIONERS SINKING FUND,
JANUARY 1, 1909, TO DECEMBER 1, 1909—Continued.

ASSETS.

Cash	\$	22,265.79	
4% City Charleston Bonds		1,000.00	
4% City Charleston Sewer Bonds.....		10,000.00	
Real Estate—Roberts Ct. and Norman St.....		100.00	
Memo:			
Bonds outstanding Jan. 1, 1909, to be paid by this Fund:			
6% Bonds due Oct. 1, 1883.....	\$	1,000.00	
Fire Loan Bonds, \$2,000, @ 25 cts.....		500.00	..
4% Bonds due Jan. and July, 1909.....		492,500.00	
6% old City Stock		649.75	
			\$ 494,649.75
4% Bonds due Jan. and July, 1909, re- deemed			473,200.00
			\$ 21,449.75
Bonds outstanding January 1, 1910:			
6% Bonds due Oct. 1, 1883	\$	1,000.00	
Fire Loan Bonds, \$2,000 @ 25 cts.....		500.00	
6% old City Stock		649.75	
4% Bonds due Jan. and July, 1909.....		19,300.00	
			\$ 21,449.75
Bonds in Assets, January 1, 1909:			
4% Bonds due Jan. 1, 1909.....	\$	100.00	
4% Bonds due July 1, 1937.....		1,000.00	
			\$ 1,100.00
4% Bonds due Jan., 1909, redeemed.....			100.00
			\$ 1,000.00
4% Bonds, Sewer Bonds, purchased Nov. 10, 1909			10,000.00
			\$ 11,000.00
Bonds on hand January 1, 1910.....			\$ 11,000.00

Respectfully submitted,

J. O. LEA,

City Treasurer and Commissioner.

Examined and found correct:

F. Q. O'NEILL,

Chairman Ways and Means Committee.

CASH TRANSACTIONS OF THE COLLEGE FUND FROM JANUARY 1,
1909, TO DECEMBER 31, 1909.

RECEIPTS.

To Appropriation Account:

For current expenses	\$ 4,000.00	
For lights	50.00	
For interest Dormitory Account	200.00	
Deficiency on account increased number of students and work in Library for pre- serving papers	250.00	
		\$ 4,500.00

To Interest Account:

Twelve months interest on \$75,500 4% City Bonds	\$ 3,020.00	
Twelve months interest on \$23,000 5% City Stock	1,150.00	
		\$ 4,170.00
		\$ 8,670.00

EXPENDITURES.

By amount paid Arthur Mazyck, Treasurer.....	\$ 8,670.00
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ASSETS.

4% City Charleston Bonds	\$ 75,500.00	
5% City Charleston Stock	23,000.00	
		\$ 98,500.00

Respectfully submitted,

J. O. LEA,

City Treasurer and Commissioner.

Examined and found correct:

JOHN F. FICKEN,

President Board Trustees College of Charleston.

RECEIPTS AND DISBURSEMENTS POLICE RELIEF AND PENSION
FUND FROM JANUARY 1, 1909, TO DECEMBER 31, 1909.

RECEIPTS.

To balances from last Annual Statement:		
Permanent Fund	\$ 11,273.31	
Aged and Decrepit Fund	500.00	
		\$ 11,773.31
To Permanent Fund:		
Fines and forfeitures per pay roll		1,015.76
To Aged and Decrepit Fund:		
Fines and forfeitures per pay roll.....		507.89
To Interest Account:		
Interest on deposits		609.30
		\$ 13,906.26

DISBURSEMENTS.

By Aged and Decrepit Fund:		
Edward O'Day, pension	\$ 375.00	
T. P. McMahon, pension	93.75	
D. J. Morgan, for medical services	20.00	
		\$ 488.75
Balance		13,417.51
		\$ 13,906.26

As required by Ordinance, ratified December 9th, 1902, the amount of \$628.44 has been carried to the Principal of the Permanent Fund; being the amount of Aged and Decrepit Fund, and Interest on Deposits in excess of \$500.00. The Funds have now to their credit:

Permanent Fund	\$ 12,917.51
Aged and Decrepit Fund	500.00
	\$ 13,417.51

Respectfully Submitted,

J. O. LEA,

Treasurer.

Examined and found correct:

JULIUS H. JAHNZ,

Commissioner Police Relief and Pension Fund.

REPORT OF CITY ASSESSOR

Charleston, S. C., December 31, 1909.

*To the Honorable the Mayor
and City Council of Charleston, S. C.*

Gentlemen:

I have the honor to submit my Annual Report of this Department for the fiscal year ending December 31, 1909.

The assessed value of real estate and personal property returned for taxation is as follows:

Real Estate	\$13,168,825.00
Personal Property	5,656,153.00
<hr/>	
Total Real Estate and Personal Property	\$18,824,978.00
@ $27\frac{3}{4}$ Mills=	\$522,393.14.

As compared with the assessments for the year 1908, the following differences are shown:

Real Estate—Increase	\$ 85,740.00
Personal Property—Decrease	211,583.00
<hr/>	
Total Decrease for 1909, as compared with 1908..	\$ 125,843.00
The Amount of Regular Applications issued for	
Licenses is	\$ 89,357.25
The Amount of Licenses Assessed is	
	\$ 2,015.00
The Amount of Penalty Assessed is	
	403.00

As compared with the regular licenses issued for the year 1908, the increase is \$3, 941.25.

The number of permits issued during the year 1909 for the erection of new buildings and old buildings improved are:

New Buildings	120 Permits..	Reported Cost	\$579,505.00
Old Buildings Improved..	97 Permits..	Reported Cost	102,990.00
<hr/>			
Total	217 Permits..	Reported Cost	\$682,495.00

A detailed statement showing the number of permits issued in the different wards accompanies this report, to which I refer.

The record of sales of real estate during the past year shows 420 pieces assessed at \$711,970.00, sold for \$1,471,775.00, an advance of 106.71 per cent. over assessments, and 18 pieces assessed at \$19,070.00, sold for \$16,690.00, a decrease of 11.40 per cent. on assessments.

TAXES.

REAL ESTATE.—The records show that over a million and a quarter of dollars worth of real estate changed hands during the past year at a steady advancement over the assessments. A careful statement of the comparisons of assessments with the sales of real estate for the past year has been compiled by wards, to which your attention is invited. Last year this Department recommended to your honorable body the advisability of employing five citizens, having expert knowledge in such matters, to reassess the entire real estate in the city. Under resolution of City Council, this was unanimously adopted, and I feel assured that thousands of dollars will be added to the tax books, and the tax levy be more justly distributed thereby, relieving the smaller pieces of property, which have borne the greater burden of taxation heretofore.

PERSONAL PROPERTY.—The returns show a decided decrease over the previous year. This decrease is due largely to the banks, who responded to the call of the State and city, by purchasing bonds which contain a provision specifically authorized by the Legislature of the State exempting the share holders of banks from taxation to the extent of the amount of such bonds held by the bank. While the banks are entitled to the exemption of taxation by holding the said bonds, yet I question the wisdom of the policy of some of the banks practically paying no taxes, by reason of their holding enough bonds to wipe out their capital, surplus and undivided profits, and though within their legal rights, it would be well for their officers to consider if it is not a short-sighted policy for them to carry this to the

extreme limit which some of them have done. The law should be changed so they could bear their just proportion of taxation, especially as they enjoy the same rights and privileges of those who do bear their burden of taxation. The question of getting personal property on the tax books is readily conceded to be the most vexatious of the tax problems which confront the Assessor. It is difficult to get at this branch, and only by perseverance and the employment of tact and well directed efforts can the volume of this department be increased. The Special Board of Equalization passes on these returns once a year. I would recommend that they give these returns closer scrutiny.

LICENSES.

The regular application for business licenses shows an increase of \$3,941.25, as compared with 1908. We are operating under a classification which was adopted some twenty years ago. I would recommend that a committee from your honorable body be appointed to revise the classification on more modern lines.

RENUMBERING THE STREETS.

Again must I reiterate and urge the importance of having the city renumbered. The city has not been renumbered in the last twenty-five years. A great many new houses have been built in that time, and continually the office is receiving complaints from citizens that their mail, packages, etc., are going astray owing to houses having the same number in the same street.

LEGISLATIVE.

At the last session of the General Assembly several bills and amendments to bills were introduced, which, if passed, would have reduced the city's income from the insurance companies to a considerable degree. The Mayor directed me to proceed to Columbia and protect the city's interest. I kept in touch with the situation, and with the able and

intelligent assistance of our delegation the amendments and bills which were detrimental to our interest did not pass.

Accompanying the Report, I beg to hand the following annexed statements, to which I invite your attention.

All of which is respectfully submitted,

DAN'L L. SINKLER,
City Assessor.

A

STATEMENT OF THE DESCRIPTION AND VALUE OF PERSONAL
PROPERTY RETURNED FOR TAXATION FOR THE YEAR 1909.

1070	Horses and Mules	\$ 71,565.00
57	Cows	1,360.00
163	Dogs	1,290.00
529	Gold and Silver Watches and Plate	46,295.00
280	Pianofortes, Melodeons and Cabinet Organs.....	24,050.00
294	Automobiles, Carriages, Buggies, etc.....	51,855.00
625	Wagons, Drays, Carts, etc.	28,380.00
	Merchandise, Money and Credits pertaining to business of Merchants	1,864,462.00
	Materials, Machinery, Engines, Tools and Fixtures of Manufacturers	273,855.00
	Moneys, Bank Bills and Circulating Notes on Hand or Deposited and all Credits	116,411.00
	Receipts of Insurance Agencies	877,836.00
	Receipts of Express, Telegraph and Telephone Co's..	135,537.00
	Returns of Banks	694,335.00
	Returns of Phosphate Companies	97,000.00
	Stocks and Bonds of all other Companies, Corporations and Persons	859,958.00
	Vessels, Boats and other floating Property	29,895.00
	All other Property, including Household Furniture ..	482,069.00
	 Total Value of Personal Property	 \$5,656,153.00

DANIEL L. SINKLER,

City Assessor.

Charleston, S. C., December 31, 1909.

B

**STATEMENT OF THE RETURNS OF REAL AND PERSONAL PROPERTY
ASSESSED FOR CITY TAXES FOR THE YEARS 1908 AND 1909.**

1908.

Real Estate	\$13,083,085.00
Personal Property	5,877,736.00
	<hr/>
Total Real and Personal Property.....	\$18,960,821.00

1909.

Real Estate	\$13,168,825.00
Personal Property	5,656,153.00
	<hr/>
Total Real and Personal Property.....	\$18,824,978.00

As compared with Assessments for 1908:

Increase on Real Estate	\$ 85,740.00
Decrease on Personal Property	221,483.00
	<hr/>

Total decrease for 1909 as compared with 1908..	\$135,743.00
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DANIEL L. SINKLER,

City Assessor.

Charleston, S. C., December 31, 1909.

C

APPLICATIONS FOR LICENSES ISSUED BY CITY ASSESSOR FOR
THE YEAR 1909.

BUSINESS	Number Taken Out	@	Amount	Total
CLASS 1.				
Agencies or Companies, each—				
Express Agencies or Companies, each	1	\$ 700 00	\$ 700 00	
Electric Light Companies, each	1	500 00	500 00	
Gas Companies, each	1	500 00	500 00	
Railroad Companies, each	2	1,500 00	3,000 00	
Steam Ferry Companies, each	1	150 00	150 00	
Street Railway Companies, each	1	750 00	750 00	
Telephone Companies or Agencies, each	1	700 00	700 00	
Telegraph Companies or Agencies, each, for business done exclusively within the City of Charleston, but not including any busi- ness done to and from points without the State, and not including any business done for the Government of the United States, its officers or agents; those whose gross receipts therefrom are less than \$2,500.00, Those whose gross receipts are over \$2,500.00 and less than \$7,500.00	1	500 00	500 00	
Terminal Warehouse Companies or Agencies, each	1	700 00	700 00	
Water Works Companies, each	1	1,000 00	1,000 00	
All persons or Corporations engaged in the business of selling wholesale from vehicles, fuel, or illuminating oils throughout the city. Selling and distributing wholesale, to mean selling or distributing six gallons or more to one person, or firm, or corporation, directly or indirectly	1	500 00	500 00	\$ 9,500 00
CLASS 2.				
Agencies or Companies, each—				
Bagging Manufacturing Companies, each....	1	400 00	400 00	
Bag (other than paper) Factories, each....	1	200 00	200 00	
Cotton Seed Oil Manufacturing Companies, each	1	200 00	200 00	
Mercantile Agencies, Dun's, Bradstreet's and others, each	2	150 00	300 00	
Railroad Ticket Agencies, being all persons buying or selling railroad tickets other than authorized agents of railroad com- panies, subject to an ordinance to prevent indiscriminate scalping, and license not transferable, each	1	50 00	50 00	
Steam Cotton Press, each	1	300 00	300 00	
Steamship (other than regular lines) or Sailing Vessels, or Combined Companies, or Agencies, each	2	100 00	200 00	
Agencies of Steam Bakeries or Cracker Fac- tories	1	150 00	150 00	1,800 00
CLASS 3.				
Fire and Life Insurance Companies, having in this city one agency or office (local or general), whose gross premiums, including the renewals derived through the same, are respectively, \$1,000, or less, each	41	50 00	2,050 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those whose gross premiums (including re- newals), respectively are less than \$2,000, each	21	\$ 100 00	\$ 2,100 00	
Those whose gross premiums (including re- newals) exceed \$2,000, but are less than \$3,000, each	16	150 00	2,400 00	
For each additional \$1,000, or fractional part of \$1,000 of gross premiums (including re- newals) respectively derived through said agencies or office, each @ \$10, 9 @ \$160, 9 @ \$170, 3 @ \$190, 2 @ \$200, 2 @ \$210, 1 @ \$220, 2 @ \$230, 1 @ \$270, 1 @ \$275, 1 @ \$330, 1 @ \$400, 2 @ \$430, 4 @ \$500, Marine, Accident, Health, Plate-Glass, etc..	38	.....	9,175 00	
Insurance Companies whose gross premiums are less than \$1,000, each	16	50 00	800 00	
Those whose gross premiums are less than \$2,000, each	4	75 00	300 00	
Those whose gross premiums are less than \$3,000, each	1	100 00	100 00	
For each additional \$1,000, or fractional part of \$1,000 of gross premiums (including re- newals) derived through said agency or office, each @ \$5, 1 @ \$105, 4 @ \$110, 1 @ \$120, 1 @ \$125, 1 @ \$135, 1 @ \$155	9	.....	1,080 00	\$ 18,005 00
CLASS 4.				
Phosphate Rock, Mining or Manufacturing Companies or Agencies, also Fertilizer Com- panies or Agencies whose gross business is 10,000 tons per annum, or less, each	5	200 00	1,000 00	
Those whose gross business exceeds 20,000 tons, but is less than 35,000 tons per an- num, each	2	350 00	700 00	
Those whose gross business exceeds 35,000 tons, but is less than 50,000 tons per an- num, each	1	400 00	400 00	
Those whose gross business is 50,000 tons or more per annum, each	2	650 00	1,300 00	3,400 00
CLASS 5.				
Pawnbrokers, each	6	500 00	3,000 00	
Money Lenders, Loan Co-operation, or Aid Association, who, as contemplated by this ordinance, is one who carries on the busi- ness of lending his own, or other people's money, not as a stock or bond broker, chartered bank, private banker, negotiator of loans on realty, real estate agents, or firm of such agents, or deals in bonds or stocks, as herein provided, but who carries on the business of lending money on notes, endorsements, personal security or personal property, other than stocks and bonds, each	2	1,000 00	2,000 00	5,000 00
CLASS 6.				
Banks, State or Savings, those whose capital, surplus and undivided profits are \$200,000, or over, each	2	500 00	1,000 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those whose capital, surplus and undivided profits are \$100,000, or over, but less than \$200,000, each	3	\$ 400 00	\$ 1,200 00	
Those whose capital, surplus and undivided profits are \$50,000 or over, but less than \$100,000, each	5	300 00	1,500 00	
Those whose capital, surplus and undivided profits are under \$50,000, each	1	200 00	200 00	
Branch Banks (conducted by Banks duly licensed), each	1	100 00	100 00	
Building and Loan Associations, each	14	75 00	1,050 00	\$ 5,050 00
CLASS 7.				
Auctioneers, Real Estate Brokers, Brokers of Stocks, Bonds and other personal property, at auction or private sale, each	17	75 00	1,275 00	
Brokers dealing in Rice, Chemicals, Fertilizer materials, each	7	25 00	175 00	
Brokers in Cotton, each	1	50 00	50 00	
Rent Agents, or Collectors of rent or other claims, each	16	25 00	400 00	
Merchandise Brokers, dealers, other than in cotton, rice or fertilizer, who sell only on brokerage or commission here, each broker, or recognized firm of brokers, not exceeding two members,	24	25 00	600 00	
Coastwise Ship Brokers, each	2	25 00	50 00	2,550 00
CLASS 8.				
Boarding Houses and Hotels: Those having less than ten rooms, each	4	10 00	40 00	
Those having ten rooms, and less than twenty rooms, each	1	30 00	30 00	
Those having twenty rooms, and less than fifty rooms, each	1	50 00	50 00	
Those having over one hundred rooms, each..	2	100 00	200 00	320 00
CLASS 9.				
Bakeries, steam, each	1	75 00	75 00	
Bakeries, other than steam, each	20	25 00	500 00	575 00
CLASS 10.				
Barbers: For each chair	59	5 00	295 00	
For each additional chair	38	2 50	90 00	385 00
CLASS 11.				
Distribution of advertising matter of any kind or nature, each	2	25 00	50 00	
Bill Posters and Distributers, including the painting of, the printing of, and tacking up of advertising signs, each	1	50 00	50 00	100 00
CLASS 12.				
Builders, Master Mechanics and Workmen of all trades and employments, not specially named elsewhere				

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those not employing over ten hands.....	1	\$ 25 00	\$ 25 00	
Contractors, or firms of such, taking or offering to take contracts not exceeding in the aggregate more than \$500 per annum, each	21	5 00	105 00	
Contractors, or firms of such, taking or offering to take contracts not exceeding in the aggregate more than \$1,500 per annum, each	8	15 00	120 00	
Contractors, or firms of such, taking or offering to take contracts not exceeding in the aggregate more than \$5,000 per annum, each	2	25 00	50 00	
Those taking contracts exceeding in the aggregate more than \$5,000 per annum, each	6	50 00	300 00	\$ 600 00
CLASS 13.				
Academy of Music, Theatre, Opera House, each admission, each	1	200 00	200 00	
Moving Pictures, charging not over ten cents admission, each	4	150 00	600 00	
Moving Pictures, charging not over five cents admission, each	2	100 00	200 00	1,000 00
CLASS 14.				
Cook Shops, each	28	20 00	560 00	560 00
CLASS 15.				
Shipyards, Marine Railway, or Slips, each..	1	50 00	50 00	50 00
CLASS 16.				
Dye houses, doing a business of \$1,000, each	1	10 00	10 00	
Dye houses, doing a business over \$1,000, each	2	20 00	40 00	50 00
CLASS 17.				
Green Grocers, or dealers in fresh meat sold elsewhere than in the Market, each.....	30	75 00	2,250 00	2,250 00
CLASS 18.				
Dealers in upland cotton and dealers in rice in barrels, or the equivalent in sacks.....				
Those buying or selling less than 2,500 bales of cotton, each	11	50 00	550 00	
Those buying or selling less than 5,000 barrels of rice, each	2	50 00	100 00	
Those buying or selling 2,500 bales of cotton, and less than 5,000 bales, each	1	100 00	100 00	
Those buying or selling 5,000 barrels of rice, and less than 10,000 barrels, each.....	2	100 00	200 00	
Those buying or selling 5,000 bales of cotton, and less than 10,000 bales, each	1	200 00	200 00	1,150 00
CLASS 19.				
Dealers in Sea Island or Long Staple Cotton				
Those buying or selling less than 1,000 packages, each	3	50 00	150 00	
Those buying or selling 1,000 packages, and less than 2,500 packages, each	2	100 00	200 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Those buying or selling 2,500 packages, and less than 4,000 packages, each	1	\$ 200 00	\$ 200 00	\$ 550 00
CLASS 20.				
Those buying and selling empty bags, barrels, crates and old bags, each	3	25 00	75 00	75 00
CLASS 21.				
Agents for, or dealers in, sewing machines, each	2	50 00	100 00	
Agents for, or dealers in, bicycles or automobiles, each	6	25 00	150 00	
Agency, meaning resident persons who represent non-resident dealers or manufacturers, and not to be construed as meaning regular brokers, each	4	25 00	100 00	350 00
CLASS 22.				
Importers and dealers in Fertilizers, Cotton Seed, Kainit, Guano, Phosphate Rock, Marl, Lime and other like articles used or sold as Fertilizers, or which are used for manufacturing	1	200 00	200 00	200 00
Those selling not over 10,000 tons, each				
CLASS 23.				
Dealers in patent medicines on the streets, per week, each	2	25 00	50 00	
Dealers in books and pictures on the streets, or canvassers for same, each	1	5 00	5 00	
Organ grinders or street musicians, per month, each	5	10 00	50 00	
Dealers in peddling goods around the city, per week, each	17	5 00	85 00	
Dealers in poultry, fish, vegetables, on the streets, per year, each	100	5 00	500 00	690 00
CLASS 24.				
Garage, for care and for repair of automobiles, etc., each	3	50 00	150 00	
Livery stables, each	3	25 00	75 00	
Dealers in horses, mules or cattle, each	5	50 00	250 00	
Stock Yards, for the feeding of cattle, each..	2	50 00	100 00	575 00
CLASS 25.				
Dealers whose stock never exceeds in value the sum of \$50, each	263	5 00	1,315 00	1,315 00
CLASS 26.				
Dealers in fruits and peanuts, with stands on the streets, each	6	20 00	120 00	
Dealers in hides and tallow, furs and wool, each	2	100 00	200 00	
Dealers in ice, or ice houses, each	1	150 00	150 00	
Dealers in ice cream, or ice-cream saloons, each	7	15 00	105 00	
Dealers in junk, wholesale, each	3	75 00	225 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Dealers in soda water and milk shakes, etc. from founts, each	72	\$ 10 00	\$ 720 00	\$ 1,520 00
CLASS 27.				
Dealers in fuel, oil, coal, or coal yards, and all importers of coal (except such as im- ported directly by officials of mechanical or manufacturing enterprises for use by such establishments) and all persons selling coal from wharves, vessels, or by railroad cars, whether as principal or agent, broker or otherwise, shall be deemed liable to a coal yard license, each	4	100 00	400 00	
Branch offices and yards of dealers in fuel, coal or oil, who have paid the \$100 license and conduct the business under the same firm names, each	1	50 00	50 00	450 00
CLASS 28.				
Dealers in poultry and country produce and any and every other article of trade or merchandise not specially named else- where in this ordinance, whose annual sales do not exceed \$2,000, each	334	20 00	6,680 00	
Whose annual sales are over \$2,000, and less than \$5,000 each	47	30 00	1,410 00	
Whose annual sales are over \$5,000, and less than \$10,000, each	22	35 00	770 00	
Whose annual sales are over \$10,000, and less than \$15,000, each	22	50 00	1,100 00	
Whose annual sales are over \$15,000, and less than \$20,000, each	12	60 00	720 00	
Whose annual sales are over \$20,000, and less than \$30,000, each	9	75 00	675 00	
Whose annual sales are over \$30,000, and less than \$50,000, each	19	100 00	1,900 00	
Whose annual sales exceed \$50,000, for each additional \$1,000: \$1.00. 1 @ \$120, 4 @ \$125, 2 @ \$150, 2 @ \$160, 3 @ \$175, 3 @ \$200, 1 @ \$230, 1 @ \$500.	17	.....	3,095 00	16,850 00
CLASS 29.				
Fairs, promenade concerts, parties, public balls, glass blowing, operas, minstrels, vau- deville and every other kind of public enter- tainment of like nature, and to be under police regulation, per day or night, each..	126	5 00	780 00	780 00
CLASS 30.				
Foundries and machine shops, whose gross business does not exceed \$75,000, each....	4	75 00	300 00	300 00
CLASS 31.				
Basket or Crate Factories (operated by power, other than hand), each	1	50 00	50 00	
Barrel Factories (operated by power, other than hand), each		75 00	75 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	●	Amount	Total
Cigar Factories, employing twenty-five or more hands, each	1	\$ 100 00	\$ 100 00	
Candy Factories, each	8	15 00	120 00	
Harness Factories, each	3	15 00	45 00	
Mattress Factories, each	1	15 00	15 00	
Sash and Blind Factories, each	2	40 00	80 00	
Soap and Candle Factories, each	1	25 00	25 00	
Soda Water Factories and bottlers of soda water, each	5	25 00	125 00	
Furniture Factories, each	1	25 00	25 00	
Factories, canning fruit, fish, oysters and vegetables, each	1	200 00	200 00	
Ice Factories, each	5	100 00	500 00	
Paper Box and Envelope Factories, each	1	20 00	20 00	
Vinegar Factories, each	1	15 00	15 00	
Shuttle Factories, each	1	25 00	25 00	
Metallic Goods factories, each	1	25 00	25 00	\$ 1,445 00
CLASS 32.				
Engravers and Watchmakers, each	7	10 00	70 00	
Gunsmiths, Locksmiths, Bicycle Repairers, and Electricians, each	12	10 00	120 00	
Piano and Organ Repairers and Tuners, each	1	10 00	10 00	
Plumbers and Gas-fitters (not employing hands), each	14	15 00	210 00	
Plumbers and Gasfitters employing hands, each	10	25 00	250 00	
Painters or Tinner, each	9	10 00	90 00	
Shoemakers, each	11	5 00	55 00	
Stencil Cutters each	2	10 00	20 00	
Upholsterers, each	7	10 00	70 00	
Artists, Ambrotypists, Daguerian, or Photographers, each	7	25 00	175 00	1,070 00
CLASS 33.				
Information or Employment Bureau	1	50 00	50 00	50 00
CLASS 34.				
Laundries, steam, each	3	75 00	225 00	
Laundries, other than steam, each	10	37 50	375 00	600 00
CLASS 35.				
Lumber yards, lumber ponds, saw and planing mills, each	4	100 00	400 00	
Lumber yards, lumber companies, not having ponds or mills within the city, each	3	50 00	150 00	550 00
CLASS 36.				
Lawyers, Physicians, Dentists, Chemists, and Professions, whose gross business does not exceed \$500, each	33	5 00	165 00	
Whose gross business does not exceed \$1,000, each	21	10 00	210 00	
Whose gross business does not exceed \$2,000, each	21	15 00	315 00	
Whose gross business does not exceed \$3,000, each	21	25 00	525 00	
Whose gross business does not exceed \$4,000, each	5	50 00	250 00	
Whose gross business does not exceed \$5,000, each	2	75 00	150 00	

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
Whose gross business exceeds \$5,000, each..	5	100 00	\$ 500 00	
Veterinary Surgeons, each	2	20 00	40 00	
Architects, Civil Engineers or Surveyors, each	3	20 00	60 00	\$ 2,215 00
CLASS 37.				
Marble Yards, each	2	20 00	40 00	40 00
CLASS 38.				
Flour Mills, each	1	50 00	50 00	
Mills, planing alone, each	1	60 00	60 00	
Mills, rice, doing a business of 10,000 barrels, or their equivalent, or under, each..	1	100 00	100 00	
Mills, rice, doing a business of 20,000 barrels, or their equivalent or under, each	1	250 00	250 00	460 00
CLASS 39.				
Newspapers, daily, morning, each	1	150 00	150 00	
Newspapers, daily, evening, each	1	75 00	75 00	
Newspapers, by hand, each	1	25 00	25 00	
Printing Offices, job, each	4	50 00	200 00	
Printing Offices, hand-power, each	3	15 00	45 00	
Trading Stamp Companies or Agencies, each	4	150 00	600 00	1,095 00
CLASS 40.				
Restaurants, Saloons and Cafes, each.....	4	30 00	120 00	
Clubs, each	10	200 00	2,000 00	
Billiard or Pool Tables, for each table.....	11	25 00	275 00	2,395 00
CLASS 41.				
Circuses, with or without menagerie, per day, each	1	500 00	500 00	
Menageries, per day, each	1	50 00	50 00	
Itinerant Shows, not otherwise taxed, per week, each	1	100 00	100 00	
Itinerant Shows, minor Exhibitions, per week, or less, each	1	25 00	25 00	
Shooting Galleries, Skating Rinks, each....	1	50 00	50 00	
Merry Go-rounds, Flying Jennies, by hand, each	1	25 00	25 00	750 00
CLASS 42.				
Stevedores, each	1	50 00	50 00	50 00
CLASS 43.				
Tailors and Merchant Tailors —				
Those not employing over three hands, each..	1	15 00	15 00	
Those employing more than three hands, and less than ten hands, for each hand \$5.00:				
2 @ \$10, 2 @ \$25, 1 @ \$30, 1 @ \$35.....	6		135 00	
Tailor shops, not merchants, each	20	5 00	100 00	250 00

LICENSES ISSUED IN 1909—Continued.

BUSINESS.	Taken Out Number	Amount	Total
CLASS 44.			
Undertakers and Cabinet Makers, whose business does not exceed \$1,000, each.....	6	\$ 25 00	\$ 150 00
Those whose business exceeds \$2,000, each..	3	100 00	300 00
			\$ 450 00
CLASS 46.			
Warehousemen and Wharfmen, who are all persons, firms or corporations receiving any articles of trade or merchandise on storage, either on wharves, wharf-warehouses, buildings or stores, in any part of the city, or who have piers or wharves used for loading or shipping goods from vessels, whose gross receipts do not exceed \$3,000, each	1	50 00	50 00
			50 00
CLASS 47.			
Wheelwright and Blacksmith shops—			
Wheelwright or Blacksmith shops, one forge, each	14	10 00	140 00
Coach, Carriage and Buggy makers and repairers, each	8	50 00	160 00
			290 00
CLASS 48.			
Woodyards—all persons having paid for wood-yard licenses and licenses for carts shall have the privilege of offering wood in the streets without the addition of a huckster's license: Provided, however, the name of the owner of such carts be painted thereon, each	11	30 00	330 00
Dealers in wood, other than keepers of regular woodyards, who sell from a stock on hand, shall, in addition to a wood cart license, pay, each	7	15 00	105 00
			435 00
Special Licenses.....			1,662 25
Total Classified and Special Licenses.....			\$ 89,357 25

DANIEL L. SINKLER,

Charleston, S. C., December 31, 1909.

City Assessor.

D

ASSESSED RETURNS FOR LICENSES TURNED OVER TO CITY
TREASURER FOR YEAR 1909.

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 4.				
Steamship line	1	\$ 100 00	\$ 100 00	
CLASS 3.				
Life Insurance	1	50 00	50 00	
CLASS 7.				
Merchandise Brokers	6	25 00	150 00	
CLASS 10.				
Barbers	4	5 00	20 00	
For each additional chair	2	2 50	5 00	
CLASS 11.				
Messenger Service	2	25 00	50 00	
CLASS 12.				
Contractors	1	15 00	15 00	
CLASS 13.				
Moving Picture Shows	2	150 00	300 00	
CLASS 14.				
Lunch Counter	1	20 00	20 00	
CLASS 17.				
Green Grocers	7	75 00	525 00	
CLASS 20.				
Cotton Pickeries	1	75 00	75 00	
CLASS 24.				
Stock Yards	2	50 00	100 00	
CLASS 25.				
Small Dealers	13	5 00	65 00	
CLASS 26.				
Dealer in Soda Water	1	10 00	10 00	
CLASS 28.				
Dealers, whose annual sales do not exceed \$2,000	7	20 00	140 00	
CLASS 31.				
Sash and Blind Factory	1	40 00	40 00	
CLASS 32.				
Photographer	1	25 00	25 00	

ASSESSED RETURNS FOR LICENSES TURNED OVER TO CITY
TREASURER FOR YEAR 1909—Continued.

BUSINESS.	Number Taken Out	@	Amount	Total
CLASS 35.				
Lumber Yard	1	\$ 100 00	\$ 100 00	
CLASS 36.				
Professions: 5 @ \$5, 6 @ \$10, 2 @ \$15.....	13	115 00	115 00	
CLASS 37.				
Marble Yards	2	20 00	40 00	
CLASS 39.				
Printers	3	15 00	45 00	
CLASS 43.				
Tailor	1	5 00	5 00	
CLASS 47.				
Wheelwright	2	10 00	20 00	\$ 2,015 00
Penalty, 20 per cent.				403 00
Total assessed licenses and penalties.....				\$ 2,418 00

DANIEL L. SINKLER,
City Assessor.

Charleston, S. C., December 31, 1909.

E

STATEMENT OF THE NUMBER OF PERMITS ISSUED FOR NEW
BUILDINGS AND OLD BUILDINGS IMPROVED
FOR THE YEAR 1909.

NEW BUILDINGS.

120 Permits—Reported Cost\$579,505.00

Distributed in the City as follows:

Ward 1	1 Permit	Reported Cost	50,000.00
Ward 2	14 Permits	Reported Cost	45,510.00
Ward 3	5 Permits	Reported Cost	259,260.00
Ward 4	7 Permits	Reported Cost	68,800.00
Ward 5	5 Permits	Reported Cost	6,700.00
Ward 6	11 Permits	Reported Cost	30,100.00
Ward 7	3 Permits	Reported Cost	42,350.00
Ward 8	5 Permits	Reported Cost	21,350.00
Ward 9	7 Permits	Reported Cost	1,635.00
Ward 10	34 Permits	Reported Cost	24,965.00
Ward 11	15 Permits	Reported Cost	17,410.00
Ward 12	13 Permits	Reported Cost	11,425.00
Total.....120 Permits		Reported Cost	\$579,505.00

CLASSIFIED AS FOLLOWS:

Brick Building, 8 Story.....	1 Permit	Reported Cost	\$239,000.00
Brick Mill, 2 Story.....	1 Permit	Reported Cost	50,000.00
Brick Building, 2½ Story.....	1 Permit	Reported Cost	5,000.00
Brick Building, 3 Story.....	3 Permits	Reported Cost	75,260.00
Brick Building, 2 Story.....	2 Permits	Reported Cost	21,580.00
Wooden Building, 2 Story.....	55 Permits	Reported Cost	110,560.00
Wooden Building, 3 Story.....	1 Permit	Reported Cost	4,300.00
Wooden Building, 2½ Story.....	3 Permits	Reported Cost	12,600.00
Wooden Building, 1 Story.....	34 Permits	Reported Cost	11,205.00
Concrete Building, 1 Story.....	16 Permits	Reported Cost	8,000.00
Wharf.....	1 Permit	Reported Cost	40,000.00
Warehouses, 2 Story.....	2 Permits	Reported Cost	2,000.00
Total.....120 Permits		Reported Cost	\$579,505.00

STATEMENT OF THE NUMBER OF PERMITS—Continued.

OLD BUILDINGS IMPROVED.

97 Permits—Reported Cost\$102,990.00

Distributed in the City as follows:

Ward 1	12 Permits	Reported Cost	15,310.00
Ward 2	3 Permits	Reported Cost	2,700.00
Ward 3	11 Permits	Reported Cost	26,040.00
Ward 4	9 Permits	Reported Cost	7,875.00
Ward 5	7 Permits	Reported Cost	16,875.00
Ward 6	9 Permits	Reported Cost	13,240.00
Ward 7	6 Permits	Reported Cost	3,600.00
Ward 8	11 Permits	Reported Cost	5,905.00
Ward 9	2 Permits	Reported Cost	375.00
Ward 10	10 Permits	Reported Cost	4,435.00
Ward 11	12 Permits	Reported Cost	5,160.00
Ward 12	5 Permits	Reported Cost	1,475.00

Total.....	97 Permits	Reported Cost	\$102,990.00
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New Buildings120 Permits Reported Cost \$579,505.00

Old Buildings Improved..... 97 Permits Reported Cost 102,990.00

Total.....	217 Permits	Reported Cost	\$682,495.00
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Charleston, S. C., December 31, 1909.

DANIEL L. SINKLER,
City Assessor.

**COMPARISON OF ASSESSMENTS WITH SALES OF REAL ESTATE FOR
THE YEAR 1909.**

WARDS	Number of Pieces	Amount of Sales	Amount of Assessments	Advance over Assessments	Per Cent.
Ward 1	80	\$ 143,050	\$ 69,850	\$ 82,200	135.06
Ward 2	16	58,300	23,680	34,640	146.40
Ward 3	26	175,440	81,450	93,990	115.39
Ward 4	31	137,255	68,680	68,575	99.83
Ward 5	41	248,340	150,970	97,370	64.49
Ward 6	52	160,340	65,455	94,885	144.96
Ward 7	13	55,725	20,075	35,650	177.56
Ward 8	35	122,465	72,425	50,040	69.09
Ward 9	24	46,315	23,200	23,115	99.63
Ward 10	37	76,555	33,120	43,435	131.14
Ward 11	66	175,650	82,830	92,820	112.06
Ward 12	49	72,340	29,255	43,085	147.27
	420	\$1,471,775	\$711,970	\$759,805	106.71

420 Pieces sold above assessments\$ 759,805.00
 Amount of Sales\$1,471,775.00
 Amount of Assessments 711,970.00

Per cent. of sales above assessments 106.71

18 Pieces sold below assessments.....\$ 2,380.00
 Amount of Assessment\$ 19,070.00
 Amount of Sales 16,690.00

Per cent. of assessments above sales..... 11.40

DANIEL L. SINKLER,
City Assessor.

Charleston, S. C., December 31, 1909.

REPORT OF CITY SHERIFF.

Charleston, S. C., December 31, 1909.

*To the Honorable the Mayor
and City Council, Charleston, S. C.*

Gentlemen:

I respectfully submit the following report of the business of this office for the year ending December 31, 1909:

Executions for delinquent tax of year 1908, amounting to over five hundred, were issued to me by the City Treasurer, November 15, 1908. The amount of this tax collected by me from November 15, 1908, to December 31, 1908, was included in my Annual Report rendered you December 31, 1908.

All of the unpaid balance tax for year 1907 standing on books January 1, 1909, amounting to: Tax, eight hundred and twenty-six 47/100 dollars (\$826.47); and School Tax, forty-three 89/100 dollars (\$43.89) have been collected, and executions of this year that were worthless were ordered marked "Nulla Bona" by the Committee of Ways and Means. There are now no unsatisfied Tax Executions for year 1907.

Of the tax of 1908, from January 1, 1909, to December 31, 1909, I have collected and paid to the City Treasurer: Tax, five thousand and sixty-six 02/100 dollars (5,066.02); School Tax, four hundred and thirty-eight 15/100 dollars (\$438.15); and Penalty and Costs, six hundred and fifty-four 74/100 dollars (\$654.74), making the total cash collection six thousand one hundred and fifty-eight 91/100 dollars (\$6,158.91); and marked "Nulla Bona" by order of the Committee of Ways and Means: Tax, five thousand eight hundred and forty-seven 76/100 dollars (5,847.76); and School Tax, five hundred and six 65/100 dollars (\$506.65). There is now only the small balance of one hundred and fifty-six 76/100 dollars (\$156.76) of the 1908 tax uncollected; this will soon be collected, delay having been caused by litigation, etc.

Tax Executions for the year 1909 were issued to me by the City Treasurer November 15, 1909. From this date to December 31, 1909, I have collected and marked "Nulla Bona," by order of Committee of Ways and Means, a total of twelve thousand nine hundred and eighty-one 97/100 dollars (\$12,981.97) Tax.

School, eleven hundred and forty-eight 64/100 dollars (\$1,148.64); Penalty and Costs, two hundred and ninety-six 58/100 dollars (\$296.58).

Of the Executions given me against License Delinquents, I have collected eleven hundred and sixty 00/100 dollars (\$1,160.00); and Penalty and Costs on same, one hundred and forty-four 75/100 dollars (\$144.75).

Total Cash Collections for Tax and License Executions and Executions marked "Nulla Bona" during the year 1909 aggregate twenty-four thousand seven hundred and twenty-two 22/100 dollars (\$24,722.22).

Penalties and Costs collected during year 1909, eleven hundred and twelve 79/100 dollars (\$1,112.79).

Respectfully submitted,

GLENN E. DAVIS,

City Sheriff.

BOARD OF PUBLIC WORKS.

Charleston, S. C., January 1, 1910.

*To the Mayor and Aldermen
of the City of Charleston, S. C.*

Gentlemen:

The Board of Public Works respectfully submits this, its Annual Report, of receipts and expenditures, and work accomplished during the year 1909, as set forth in the Report of the City Engineer, and the reports of the several standing committees. Your attention is earnestly directed thereto as they set forth the work in great detail.

It is with regret that the Board reports the death of one of its most efficient members, Mr. E. W. Wynne, who was appointed on January 12th, 1909 and served with conspicuous zeal, taking an interest at all times not only in the particular branch of his work but in the general workings of the Board. His presence is sadly missed by all of his co-laborers.

The work of the various departments is as follows:

GARBAGE COLLECTION.

This Department has been brought up to a very high state of efficiency, and is now accomplishing the highest grade of work at a minimum of expense.

The uniforming of the men of this Department, which was adopted last year, continues to produce the best results not only as to appearance but also as to interest taken in the work. The Fifteen Hundred Dollars (\$1500.00) appropriated for the purchase of 10 new carts has been expended for that purpose and they together with ten others, which this Department has been able to purchase out of the savings, now forms a total of 22 iron carts which are now in operation, being of neat appearance, thoroughly water-tight and much more satisfactory in every respect than the wooden carts both from a sanitary and an aesthetic point of view. It is the purpose of the Board

to eventually displace all of the wooden carts with iron ones as soon as the same becomes feasible. One regret which the Board desires to record is that the citizens generally are not observing, either in spirit or in letter, the Ordinance which requires them to procure water-tight metal receptacles of a neat appearance and containing not more than one-half barrel. Your Board finds its hands absolutely tied in carrying out an Ordinance of this description without the hearty co-operation of the citizens generally. The Seven Hundred and Fifty Dollars (\$750.00) appropriated last year for repairs of the stable (which is under the management of the Garbage Collection Department) has been applied to that purpose. The stable is now in habitable condition although not by any means as perfect a structure as the Department would like to have for its purposes. In this connection, the Board would strongly urge your Honorable Body to investigate the feasibility of procuring a suitable site not only for stable purposes but also for storage of repair material, the housing of the steam rollers, etc. The present stable facilities are somewhat limited and in the near future will prove inadequate to the increased demands which the growth of the City will surely impose upon the Department. The lot used for storage of road material, drain pipe, etc., and for housing road machinery is rather contracted and is not owned by the City. The lease is subject to termination any year and indications are that before long, the area at present in use will be cut up into building lots and the City forced to seek a storage lot elsewhere. Considering the probable necessity, in the near future, of increasing the accommodations at the stable and the practical certainty of having to obtain by lease or purchase a storage lot, with the attendant expense of constructing buildings for the purposes of the Repair Department, the time seems opportune to provide on one lot accommodations for these two Departments. The advantages of having the storage lot and stables on the same piece of ground are self-evident, among others, the fact that all city property in these two Departments would be continually under the personal care of the storekeeper by day and the watchman by night so that no material could be removed or taken away without the knowledge of one of these employees. In the selection of a site, three important conditions should be met,

important in the order as mentioned: 1st, a central location; 2nd, proximity to railroad; 3rd, location on the water front. The advantages to be derived from a location which meets these conditions would be: facility in reaching any portion of the City with least loss of time; saving in cost of handling and inspection of material received by rail or water, eliminating the cost of cartage from railroad or wharf to lot and permitting the storage of material, until needed on street, without extra cartage. It is evident that the longer the purchase of a suitable site is deferred, the more will eventually have to be paid for same.

The Report of the Chairman of the Committee on Garbage Collection will be found hereto attached.

STREET CLEANING.

The Report of the Street Cleaning Department is also hereto attached for your consideration.

It is with pride that the Board calls your attention to the cleanliness of our paved streets which have improved from year to year, this Department being quite efficient in its work. The Resolution passed by your Honorable Body some months since permitting the Junior Civic League Club to place on the streets under the direction of this Board metal receptacles for the collection of scrap paper and rubbish, the contents of said receptacles being moved daily by this Department, has in the judgment of your Board materially contributed to the cleanliness of the streets particularly in the neighborhood of the location of these receptacles and the Board heartily commends the civic spirit which prompted this contribution on the part of this Society and would recommend that the number be at least doubled and that to accomplish this, your Board be allowed to contribute either all or a part of the necessary funds at the pleasure of the Society. The carelessness with which scrap paper is put out by some of our merchants is responsible very largely for the loose paper scattered at times by the high winds and this more than offsets the advantages of the metal receptacles placed by the Junior Civic League Club. The equipment authorized last year has been purchased and is operating satisfactorily. With the addition of a new Sprinkler

as authorized last year, a regular system of street sprinkling for the macadam, shell and clay gravel streets has been inaugurated. The necessity for this, which is a very expensive operation, the Board hopes to cut down materially during the coming year when it shall have treated, as is now contemplated, certain of the macadam and shell streets with oil for the laying of the dust.

A system of grass cutting was inaugurated and carried out during the past year with such success that for the first time in the history of the Board, no complaints were received. The period in which this work was accomplished was from May 15th to November 1st.

HIGHWAYS.

This Department is run under two heads being sub-divided into "Maintenance and Repair" and "Permanent Work."

MAINTENANCE AND REPAIR.

The appropriation of \$12,000.00 for this Department has been expended judiciously, as will appear by the detailed report of the City Engineer, and the streets are in a fairly good condition with the exception of the cement gravel roads which in the opinion of the Board should be discontinued as rapidly as circumstances and the funds will permit.

Experiments during the past year have been made on the Macadam Road on Charlotte Street with dust laying preparations, three different classes of material being used in one block, oil apparently producing the best results when efficiency and cost are taken into consideration. Therefore, your Board has determined to continue applying oil to macadam roads and to experiment with same on a portion of the shell road during the coming year.

PERMANENT WORK.

The Board at the beginning of the year 1909 had a portion of the previous year's work left over. They are pleased to report that they have not only completed that list but also the

full list of 1909. They also beg to call your attention to the many difficulties encountered in paving King Street, from Wentworth to Calhoun; 1st, because of its narrowness; 2nd, because a system of sewers was laid just ahead of the work; and 3d, because of the great congestion of pedestrians as well as vehicular traffic in that section. By a system of movable fences on the sidewalk, a passage way was kept open on both sides of the street at all times for pedestrians and at the same time, a roadway on one side of the street was open for vehicles.

The shell left over from 1908 occasioned by your Honorable Body countermanding your instructions to shell Rutledge Avenue has been used during the past year in practically rebuilding the Shell Road on Meeting Street from end to end and also resurfacing Huger Street from Meeting to King and building a section from King to Rutledge. This has practically used up our stock of shell. Your Board begs again most emphatically to go on record as being unalterably opposed to cement gravel roads for use in the City streets, the same being fit only for suburban traffic. The four and one-half ($4\frac{1}{2}$) miles of what once was a cement gravel road have returned to the condition of ordinary earth roads and in some cases even worse. The funds at the disposal of our Board and the demands for improvement have not permitted us to replace this class of road in various parts of the City with the degree of rapidity that we had desired. Notably is this true about upper Rutledge Avenue. The order for shelling same having been countermanded has made it impracticable to improve Rutledge Avenue except for the short two blocks from Shepard to Sumter Streets, where vitrified brick has been laid. Your Board especially desires to call your attention to the great necessity of continuing this vitrified brick roadway on Rutledge Avenue at least to the entrance to Hampton Park. Coming Street, Morris Street and Cannon Street also demand and deserve your attention.

Under this head the Board would call your attention to the statement of sidewalk improvements for the year 1909, as will appear in detail in the City Engineer's report. The placing of these improvements has been done under the direction of the various Aldermen from the various wards under the plan of about \$1,000.00 a year to each ward.

IMPROVEMENTS SUGGESTED FOR THE COMING YEAR.

In the matter of improvements for 1910, the following list has been prepared, arranged in order as they appear to the Board to be of the greatest importance, omitting sidewalks except when incident to the raising of streets. The approximate cost as prepared by the City Engineer is added thereto.

List of Improvements in the order of their importance in the judgment of the Board.

1. <i>Rutledge Avenue</i> , Sumter to Cleveland; Vitrified Brick	\$17,300 00	
2. <i>Cleveland Street</i> , King to Hampton Park; Vitrified Brick	6,500 00	
	<hr/>	
	\$23,800 00	
Less Consolidated payments..	\$20,000 00	\$3,800 00
3. <i>Rutledge Avenue</i> , Broad to Tradd, Vitrified Brick	4,500 00	
4. <i>Charlotte Street</i> , Fill Surface with Cinders.....	500 00	
5. <i>Cannon Street</i> , Rutledge to Ashley Avenue; Vitrified Brick.....	2,500 00	
6. <i>Vanderhorst Street</i> , Raise north side.....	350 00	
7. <i>King Street</i> , Warren to Morris; Vitrified Brick..	5,500 00	
8. <i>Hasell Street</i> , King to Meeting; Vitrified Brick..	3,800 00	
9. <i>Montague Street</i> , Cinders	1,300 00	
	<hr/>	
	\$22 250 00	

The first two items will give a complete roadway into the Park from every section of the City. It also will give a complete roadway from the western section of the City via Cleveland and King Streets to the northern suburbs. Rutledge Avenue from Cleveland Street to the City limits could then be repaired and used solely for light vehicles.

Item 3 completes the approach to the Boulevard Lots which the City has for sale until November 1st., 1911. The contract for the filling of these lots expires January next. It is understood that the filling of the City's lots will begin within 30 days, and should be completed within 6 or 8 months. It is of great importance to have the approaches to these lots put in good condition now if the City is to get the benefit of it, otherwise it would all go to the purchaser.

Item 4 is a small charge, but rendered necessary on account of the new Compress about to be completed.

Item 5 is the beginning of a cross-wise avenue in the upper section of the City, from the Bridge to the Union Station. This Avenue should leave Spring Street at Chin-quapin Street, thence eastward on Cannon Street to King, thence northward on King to Columbus, then eastward on Columbus to the Union Station. It is planned of course to carry King Street in brick north to Columbus, and to provide one block on Columbus Street to Meeting.

Item 6 is to raise a street, which is covered with water during spring tides and heavy rains, at least so as to permit pedestrians to pass.

Item 7 is a continuation of King Street northward two blocks.

Item 8 is in response to a petition from the congregation of the Jewish Synagogue. This as is known is well paved with granite blocks, and a change to brick will of course be a piece of patch work to which your Board is very much averse. At the same time it is realized that services in the Synagogue are held on Saturday when heavy traffic passes on this street. It submits the matter, therefore for your consideration from that standpoint.

Item 9 is the temporary surfacing of a resident street where the present roadway is of heavy sand.

COMMENTS.

The Board respectfully suggests that the Aldermen and the Citizens generally co-operate with our Department in keeping up the efficiency of our work, as the best results can only be obtained by at least our better class of citizens setting an example in following the rules, and taking a pride in the street in front of their various premises, as well as observing the garbage regulations, of using the proper kind of receptacles and placing the same on the street at the right time.

We also feel that we cannot close this report without commending our staff of officers for their zeal in their work, particularly is this true of our most efficient City Engineer, Mr. J. H. Dingle.

In conclusion would say, that with over \$100,000.00 worth of work asked for, most of which is a necessity, and all of which would be a decided improvement, the Board has found it

very difficult to go outside of the actual wants of the City as presented by citizens in their various localities by petition and otherwise, to suggest any decided new plans for the coming year; with between \$30,000.00 and \$40,000.00 appropriated according to the rate allowed, and from which must be deducted \$12,000.00 for sidewalks and from \$3,000.00 to \$5,000.00 for drains, according to circumstances, there is a decided shortage, therefore we would ask two and half mills be appropriated to be expended practically as per above list in order of precedence, so far as it may go after deducting the regular pro rata for the year 1910 for improvements ordered by Council. If any of the above or other items are specially desired by Council the Board asks instructions and appropriations to cover the same.

Respectfully submitted,

JAS. R. JOHNSON,

President.

REPORT OF CITY ENGINEER.

Charleston, S. C., January 2d, 1910.

JAS. R. JOHNSON, ESQ.,
PRES. BOARD OF PUBLIC WORKS,
CHARLESTON, S. C.

Dear Sir:

Herewith is submitted the Annual Report of the Street Department for the year ending December 31st, 1909, containing a record of the work accomplished during the past twelve months together with a statement of the receipts and disbursements.

CONTRACTS.

The following contracts were awarded during the year after due advertisement; the prices stated covering work done during 1909 except such unfinished work of 1908 as was completed in the early part of 1909.

Vitrified Brick Roadway Five-year Guarantee; Bowe and Page, Contractors;

Catskill Brick	\$1.12 per sq.yd.
Labor including sand bed and sand filler.....	.32 " " "
Cement grout.....	.07 " " "

Concrete Sidewalks, 4 in. thick, five-year guarantee; Bowe & Page, Contractors.

Labor and Material (exclusive of grading)....	\$0.97 per sq. yd.
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Setting Blue Stone Flagging, Jas. Begley, Contractor;

Removing old pavement and piling debris.....	\$0.03 per sq. yd.
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Fill, spread, grade and set flags.....	0.23 " " "
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Extra filling if ordered.....	0.90 " cu. yd.
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Taking up old flag stones.....	0.10 " sq. yd.
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Setting Granite Curb; Labor only; Jas. Begley, Contractor.

10 in. Curb	3 $\frac{3}{4}$ c per lineal ft.
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14 in. Curb	3 $\frac{3}{4}$ c per lineal ft.
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18 in. Curb	4 c per lineal ft.
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Extra filling if ordered	90 c per cu. yd.
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Laying Drains; Labor and material except pipe; Jas. Begley, Contractor; Price per lineal foot, excavating, back-filling, laying and jointing:

Depth from surface of ground to flow line of pipe
Size.

	Over 2 ft. Under 4 ft.	Over 4 ft. Under 6 ft.	Over 6 ft. Under 8 ft.	Over 8 ft. Under 10 ft.
8 in.	13c	15c	20c	25c
10 in.	13c	15c	20c	25c
12 in.	24c	27c	33c	35c
15 in.	24c	27c	33c	35c
18 in.	27c	30c	35c	38c
24 in.	27c	30c	35c	38c

Price per Manhole complete (average depth 6 ft.) \$25.00 each.

Price per Inlet Basing, complete.....\$ 5.00 each.

Sheet piling left in place.....\$15.00 per M. B.M.

Planking with accompanying mud sills to support pipe including extra excavation..... 20c per lineal ft.

Terra Cotta Pipe and Specials; f. o. b. Charleston, S. C.

Carolina Portland Cement Co., Contractors; Montague Pipe.

Size	Pipe, per lin. ft.	Specials, each.
8 in.	11 ⁹ / ₁₀ c	\$.54
10 in.	17 ⁵ / ₁₀ c	.77
12 in.	22 ⁹ / ₁₀ c	.98
15 in.	33 ⁷ / ₁₀ c	1.55
18 in.	47 ⁶ / ₁₀ c	1.98
24 in.	89 c	3.70

Hauling Terra Cotta from Railroad to Works; D. E. F. Fortune, Contractor, 2c. per piece, all sizes.

Taking up and hauling Granite Blocks and Cobbles; D. E. F. Fortune, Contractor.

Granite Blocks.....18c per sq. yd.

Cobbles.....15c per sq. yd.

Hauling Cinders from Gas Works to point of work; H. W. Bischoff, Contractor;.....39c per cu. yd.

Granite Curb; f. o. b. Charleston, S. C., Bowe & Page, Contractors;

4 in. X 10 in. straight.....19¹/₂c per lineal ft.

4 in. X 10 in. "20 c " " "

4 in. X 18 in. "22 c " " "

Hauling Granite Curb from Railroad to Work; D. E. F. Fortune,
Contractor.....37c per 2000 lbs.

Building Supplies; Carolina Portland Cement Co., Contractors.

Lime ("Gagers white").....52c per 100 lbs. deliv.

Lime (Red Cross).....45c " " " "

Building Bricks:

"Summerville" Selected Hard, car lots

f. o. b. Charleston.....\$ 9.25 per M.

"Summerville" Selected Hard, car lots

delivered on street.....10.00 "

"Summerville" Selected Hard, less than car lots

f. o. b. Charleston.....9.75 "

"Summerville" Selected Hard, less than car lots

delivered on street.....10.25 "

"Summerville" Run of Hard, car lots

f. o. b. Charleston.....8.75 "

"Summerville" Run of Hard, car lots

delivered on street.....9.50 "

"Summerville" Run of Hard, less than car lots

f. o. b. Charleston.....9.25 "

"Summerville" Run of Hard, less than car lots

delivered on street.....10.00 "

Building Supplies; Southeastern Lime & Cement Co., Contract-
ors.

Portland Cement (Lehigh).....31½c per 100 lbs.
in cloth sacks. Sacks to be returned or charged for at the rate
of 10c each.

Portland Cement (Lehigh) . . 36c per 100 lbs., in paper sacks del.

Rosendale Cement. . 40c per 100 lbs., in paper sacks delivered.

Crushed Granite:

2 in.\$1.65 per 2000 lbs., f. o. b. Charleston, S. C.

1½ in.....1.75 " " " " " "

¾ in.....1.85 " " " " " "

Screening.....1.30 " " " " " "

Lumber; Anderson Lumber Co., Contractor.

Short Leaf, merchantable.....\$18.00 per M. B. M.

Long Leaf "20.00 " "

Delivered to any part of the City by cart.

Iron Castings; Charleston Iron Works, Contractor.

per pound.....1½c.

<i>Shovels, Forks, etc.; Strohecker & McDermid, Contractor.</i>	
Brooms, Hvass 6-row, 16 in. block, 7 in. bass..	\$ 6.00 per doz.
Broom handles, 5 ft.....	.25 " "
Forks, 6-tine, long strapped bronze.....	7.00 " "
Fork Handles.....	25 " "
<i>Shovels, D-handled, No. 5 Hubbards</i>	
"The Weir".....	7.00 " "
<i>Horseshoeing; J. B. McInness, Contractor.</i>	
Per head per month.....	80c
<i>Wheelwright Work; H. Steenken & Co., Contractor.</i>	
<i>Harness Work;</i>	
A. R. Thomlinson, Contractor.	
<i>Sale of Manure from City Stables; F. Horres, Sr., Purchaser.</i>	
Per cart load.....	25c
<i>Re-tinning Roof of City Stables; A. J. Riley, Contractor, \$ 527.00</i>	
<i>Repairing Small Steam Roller;</i>	
The John F. Riley Foundry & Machine Works,	
Contractor	\$ 84.53
<i>Furnishing Hose; A. McL. Martin, Contractor.</i>	
1½ in. "Dandy" Jacketed.....	30c per lin. ft.

The following comprises the new work and improvements for 1909:

GRANITE CURB.

	Lin. ft.
W. S. Aiken, Columbus to Hampden.....	153
E. S. America, Hampden to Amherst.....	418
E. S. America, Mary to Beaufort Ct.....	388
W. S. Ashley, Calhoun to Bull.....	876
B. S. Ashley, Bull to Beaufain.....	231
B. S. Ashton, Norman to Chestnut.....	1685
S. S. Ann, King to Meeting.....	625
E. S. Bay, Columbus to South.....	1120
W. S. Bay, Columbus to South.....	1120
S. S. Beaufain, Rutledge to Wilson.....	596
S. S. Carolina, Coming to Tracy.....	384
B. S. Carolina, Tracy to Perry.....	748
W. S. Coming, Carolina to Sumter.....	247
E. S. Coming, Sheppard to Fishburne.....	243
E. S. Concord, Gaillard northward.....	57
W. S. Drake, Mary to Chapel.....	582
B. S. Duncan, Pitt to Coming.....	893

E. S. East Bay, at Yacht Club.....	39
S. S. Fishburne, Tracy to Perry.....	369
S. S. Fishburne, Perry to Rutledge.....	314
B. S. Guignard, Anson to East Bay.....	620
S. S. Hampden, Hanover to East Hampstead.....	651
W. S. Hanover, Columbus to Line.....	401
S. S. Liberty, King to St. Philip.....	289
B. S. Lucas, Calhoun to Mill.....	544
N. S. Liberty, King westward.....	117
E. S. Lucas, Calhoun southward.....	183
N. S. Mary, Nassau eastward.....	338
S. S. Morris, Rutledge to Coming.....	1537
W. S. Nassau, Cooper to Harris.....	986
W. S. Nassau, Columbus to Woolfe.....	603
W. S. Nassau, Woolfe to Reid.....	284
W. S. Nassau, Reid to Mary.....	475
B. S. Nunan, Ashley to Rutledge.....	900
E. S. Perry, Carolina to Sheppard.....	505
W. S. President, Cannon southward.....	147
W. S. President, Bee to Doughty.....	612
W. S. Rutledge, Sumter to Sheppard.....	850
E. S. Rutledge, Sumter to Sheppard.....	823
N. S. Sheppard, Perry to Tracy.....	370
B. S. Smith, Vanderhorst to Warren.....	720
B. S. Smith, Warren to Radcliffe.....	832
E. S. Smith, Calhoun to Vanderhorst.....	600
W. S. Smith, Morris to Cannon.....	483
N. S. Society, King eastward.....	150
W. S. State, Queen to Market.....	751
W. S. St. Philip, Fishburne to Carolina.....	239
B. S. Sumter, Rutledge to Kipg.....	2269
B. S. Tracy, Sheppard to Fishburne.....	506
N. S. Wentworth, King to Meeting.....	544
Total.....	28863

CONCRETE SIDEWALKS.

	sq. yds.
S. S. Ann, King to Meeting.....	401
S. S. Broad, Savage to Rutledge.....	697
S. S. Broad, Legare to Logan.....	57
N. S. Broad, Rutledge to Franklin.....	815
S. S. Chapel, Alexander westward.....	207

E. S. Concord, Gaillard northward.....	36
N. S. Columbus, King to Hanover.....	1110
S. S. Liberty, King to St. Philip.....	421
N. S. Liberty, King westward.....	62
W. S. Nassau, Columbus northward.....	86
N. S. Society, King eastward.....	99
W. S. State, Queen to Market.....	681
N. S. Wentworth, King to Meeting.....	480

Total.....5152

BLUE STONE FLAG SIDEWALKS.

	sq. yds.
W. S. President, Cannon southward.....	74
S. S. Bull, Ashley to Gadsden.....	170
W. S. Smith, bet. Morris and Cannon.....	52
E. S. Smith, bet. Calhoun and Vanderhorst.....	17
E. S. Rutledge, Broad to Beaufain.....	1038

Total.....1351

VITRIFIED BRICK ROADWAYS.

	sq. yds.
Broad St., New to King.....	4672
Broad, King to Court House.....	1457
King, Wentworth to Calhoun.....	4080
King, Calhoun to Warren.....	4860
Lucas, Calhoun to Mill.....	1156
Rutledge, Spring to Sheppard.....	5412

Total..... 21637

Exclusive 6343 sq. yds. laid last year but paid for this year.

GRANITE BLOCK ROADWAYS.

	sq. yds.
Bay St., Columbus to South.....	5646
East Bay, Wentworth to Calhoun; bet. tracks.....	2565
Cone Street.....	88
Mary, Meeting to America.....	2222
Morris, St. Philip to Coming.....	1224

Total..... 11745

DRAINS.

(Not including those being constructed at West End.)

	Size	Length
Carolina St., from King to St. Philip.	12	171 ft.
Carolina, from Rutledge to Perry.	12	311 "
Coming, from Sumter to Carolina.	12	287 "
Fishburne, from King to St. Philip.	12	253 "
Huger, between King and Rutledge.	12	555 "
Moultrie, from Rutledge westward.	12	244 "
Perry, from Carolina to Sumter.	12	283 "
Rutledge Ave., from Sumter to Fishburne	18	592 "
St. Philip, from Carolina to Sheppard. . .	12	580 "
Sumter, from Rutledge to Coming.	15	1088 "
Tracy, from Carolina to Sumter.	12	283 "

Total. 4647 ft.

MACADAM ROADWAYS.

	sq. yds.
Ashley Ave., Bull to Beaufain.	4177
Reid St., Meeting to Hanover.	1530

Total. 5707

The above mentioned work includes the Ward Sidewalk Improvements to the extent of \$1,000.00 per ward per annum and nearly exhausts the list of improvements recommended in the last Annual Report leaving untouched, however, the following:

1. Rutledge Ave., from Wentworth to Montague; brick.
2. Trumbo Street; raise.
3. Trapman Street; raise.
4. Rutledge Ave., Broad to Tradd; raise.
5. Queen, Rutledge to Franklin; raise and macadam.
6. Gadsden, Beaufain to Halsey's gate; raise.
7. Coming, Spring to Bogard; brick or tar macadam.

To this list, for the sake of convenience, there should be added the following streets which appear in the list of 1906 and remain untouched:

- a. Vanderhorst, Smith to Rutledge; raising and re-macadamizing roadway and raising and repaving sidewalks.
- b. North Market and South Market St., raising and resetting roadways and sidewalks.
- c. Raising low streets listed p. 62,—1906.

As will be noted, a considerable amount of roadway work has been accomplished during the year, the plan having been followed as inaugurated in the previous year of substituting vitrified brick for granite blocks on residence streets and streets of light traffic, using the old granite blocks for unimproved streets of heavy traffic. The removal of the granite paving from King Street, between Wentworth and Warren, and the substitution of vitrified brick has made a marked improvement in the appearance of this section and has rendered the work of cleaning same much more satisfactory. At the same time, the availability of these old blocks rendered possible the paving of other streets, the improvement of which might otherwise have been delayed.

Vitrified Brick roadways were laid during the year to the extent of \$51,704.74, the "Catskill" paving brick being used as in 1908. These bricks were tested for cross-breaking, crushing, specific gravity and absorption in Philadelphia and upon arrival here, were tested for abrasion. The specifications required that the loss in the abrasion test should not exceed 20 per cent.

Granite Block roadways, using old blocks, were laid to the extent of \$10,321.15 (exclusive of the value of the blocks).

On new *Macadam Roadways*, there has been expended \$5,759.19 including Ashley Avenue, from Beaufain to Bull Streets, the construction of which furnishes an outlet from the granite block road on Beaufain Street and the Vitrified Brick Road on Wentworth Street, and at the same time, completes the stretch between Bogard Street and Colonial Lake at Beaufain Street, a distance of one mile.

A *Shell Road* replacing an unimproved earth roadway was constructed in Huger Street, from King to Rutledge, passing the new fire engine station now being built in this locality and furnishing proper facility for the passage of fire apparatus. On this class of new road there was expended \$2,117.00.

Earth Road improvements consisting of filling and grading cost \$1,499.14.

New Granite Curb has been placed during the year to a considerable amount, a total of 24 car loads or about 3 miles having been purchased and laid. This does not include a large amount of old curb, which during the year has been reset to new lines and readjusted. A total of \$6,751.75 was expended on new curb.

Concrete Sidewalks constructed during 1909 cover 5239 square yards and represent an expenditure of \$5,865.72.

Bluestone Flag Sidewalks to a very limited extent was laid and only when the material was available from other localities where concrete pavement was to be substituted for flag. A total of \$407.20 was expended on this class of work exclusive of the value of the flags.

Vitrified Brick Crossings of rejected brick have been laid in limited numbers as in previous years.

New Terra Cotta Drains, varying in diameter from twelve inch to eighteen inch, with appurtenances, were laid to the extent of \$3,652.43 embracing a total length of 4647 feet.

MAINTENANCE AND REPAIRS.

For maintaining and repairing Roadway, Sidewalks, Drains, etc., there was expended a total of \$10,535.35 covering a number of separate items among them the following:

Brick Road Repairs cost \$192.02 and were in most cases rendered necessary by breaks in drains underlying same and not by defects originating in the roads themselves. The brick paved roadways have stood up well with the exception of the section on Wentworth Street, between Meeting and King, where through a misunderstanding the bricks between the outer rails of the trolley tracks were grouted with cement forming a rigid mass fifteen feet wide and about 700 feet long. In this section, the bricks have failed by spawling and breaking and it will soon be necessary to make extensive repairs here. This was foreseen when the roadway was laid four years ago and the Contractor at that time delivered to the City sufficient brick with which to repave the section whenever it should become desirable.

Granite Road Repairs has cost \$1912.61 while repairs to Cobble Stone roads has cost \$436.54. More extensive repairs would have been made to this class of roadway had it not been for the fact that a very large portion of the time of our pavers was demanded by new granite road work.

Repairs to Asphalt roads cost \$108.43 which is a remarkably light expenditure when it is considered that these roads were laid eleven and twelve years ago.

On Macadam Road repairs there was expended \$1618.50 by means of which these roads were kept in only fair condition. The majority of our macadamized roads have worn down con-

siderably and will require from \$10,000.00 to \$12,000.00 to place them in first-class condition.

Bituminous Macadam cost \$207.07 for repairs although a much larger amount could have been expended to advantage. Hutson Street, the repairs to which were delayed by building operations in the vicinity, is now in position to receive our attention and will be repaired in the very near future.

Shell Roads were repaired to the extent of \$352.87.

Earth Roads cost for repairs \$957.90.

Clay Gravel Roads have received attention to the extent of \$556.90 but their condition is not satisfactory. It is realized that this class of roadway is not adapted to City streets and no new work of this character has been done in recent years, our efforts being directed towards maintaining in at least a passable condition existing roadways.

Plank Roads repairs cost \$100.93, this expenditure having been made on the short strip on Concord Street south of Laurens, extending along the Southern Railway wharf property.

Curb repairs cost \$131.68 divided as follows: Brick Curb, \$43.95; Stone Curb, \$48.10; Wooden Curb, \$39.63.

Sidewalk Repairs cost as follows:

Concrete, \$190.45; Flag Stone, \$397.68; Brick, \$735.90; Earth Walks, \$304.73; A total of \$1628.76.

The fact that our concrete sidewalks are not nearly as old as the majority of our flag and brick walks and the further fact that on a large portion of our concrete walks the maintenance guarantee has not expired will in a measure explain the low cost of maintenance although a very large factor of low maintenance cost is also to be found in the substantial construction of this class of sidewalks.

Brick sidewalks, as will be noticed, have cost the most for maintenance and are the least desirable of paved walks, considering service, cost and everything else. Holes in brick walks spread rapidly by the "unravelling" of adjoining portions and new brick can be fitted with difficulty to the worn brick left in the walk.

Repairs to earth sidewalks consist mainly of filling wash-outs and replacing material carried off by the wind, rain and other agencies. All sidewalks are subject to disruption and disturbance from the roots of shade trees and a large portion of the sidewalk repair account is due to this cause.

On Drain Maintenance and Repairs there was expended \$2271.14 divided as follows:—Terra Cotta Pipe Drains, \$1539.92; Brick

Drains, \$731.22. This expenditure includes in addition to the actual repairs the removal of sand and street washings from sand pits and catch basins but does not include repairs or cleaning of the "Tidal Drains."

The Equipment of the Highway in addition to small tools, shovels, pick-axes, etc., consists of:—One Fifteen-Ton Russell Roller in good condition; one Five-Ton Springfield Roller recently re-tubed and now in first class condition; one Stewart Drain Cleaning Apparatus including windlasses, rope, buckets, etc., in good condition; one Brick Rattler operated by pulley on small roller, in good condition; one Double Truck recently rebuilt and now in first class condition; one Single Truck in good condition; one Wooden Body Dump Cart in good condition (extra carts when needed are borrowed from the Scavenger and Street Cleaning Departments); one Two-Horse Roller in fair condition; one Hand Roller in fair condition; one Mule. The Iron Body Dump Cart mentioned in our last report is no longer fit for use, and a new one has been taken over from the Garbage collection Department.

In accordance with the suggestion made in our last Annual Report, an experiment was commenced with dust laying preparations, three different kinds having been applied to sections of Charlotte Street, between Elizabeth and Alexander. All of these have proven efficient in use so far, although observations are still being made and the behavior of each kind noted. The application of this class of material to macadam and other roads of a similar nature will be extended during 1910, it being the intention to treat a portion of the Meeting Street Shell Road and a portion of the new Macadam road on Ashley Avenue. We have no doubts as to the results.

The beginning of the year found the Department with a large pile of Shell on Simmons Street, the same having been purchased for use on upper Rutledge Avenue, the order for paving which was later countermanded after the purchase of the shell. This material has been used during the past year in resurfacing Meeting Street and in the construction of a shell road on Huger Street.

The Sidewalk Improvement work chargeable to the different wards is as follows.

STATEMENT OF SIDEWALK IMPROVEMENTS
FOR THE YEAR 1909.

Ward 1.

Half Cost Brick Roadway in Church St.,
from Water to South Battery to be
taken out of Ward Improvements ap-
propriation (\$1800.00).

Ward 2.

S. S. Broad, Savage to Rutledge; Concrete
Sidewalk.....\$ 348 35

Ward 3.

W. S. State, Queen to Market; Concrete Sidewalk.....	\$1006 31	
B. S. Guignard St., New Curbing.....	123 66	
		1129 97

Ward 4.

N. S. Broad, from East of Franklin to Rutledge; Concrete Sidewalk.....	420 67	
S. S. Beaufain, Rutledge eastward; Con- crete Sidewalk.....	231 89	
		652 56

Ward 5.

N. S. Wentworth, King to Meeting; Con- crete Sidewalk.....	657 57	
N. S. Society, King to end of Cable Building; Concrete Sidewalk.....	170 89	
		828 46

Ward 6.

S. S. Liberty, King to St. Philip; Con- crete Sidewalk.....	450 54	
N. S. Liberty, King to rear O. F. Hall; Concrete Sidewalk.....	82 92	
W. S. Ashley, Bull to Calhoun; New Curbing.....	478 29	
E. S. Lucas, Calhoun southward; Flag Sidewalk.....	30 22	
		1041 97

Ward 7.

S. S. Chapel, Alexander westward; Concrete Sidewalk.....	237 81	
W. S. Drake, Chapel to Mary; and E. S. America, Mary to Beaufort Ct; New Curbing.....	287 34	
S. S. Ann, King to Meeting; Concrete Sidewalk.....	540 17	
	<hr/>	1065 32

Ward 8.

B. S. Duncan, Coming to Pitt; New Curbing.....	\$ 138 58	
B. S. Smith, Vanderhorst to Radcliffe; New Curbing.....	747 68	
W. S. President, Doughty to Bee; New Curbing.....	190 07	
E. S. Smith, Calhoun to Vanderhorst; Raising sidewalk and re-setting curb	98 73	
	<hr/>	1175 06

Ward 9.

S. S. Hampden, Hanover to East Hampsted; New Curbing.....	172 49	
E. S. America, Hampden to Amherst; New Curbing.....	197 40	
W. S. Aiken, Hampden to Columbus; New Curbing.....	42 46	
	<hr/>	412 35

Ward 10.

N. S. Columbus, King to Hanover; and W. S. Nassau, from Columbus northward; Concrete Sidewalk.....	1266 62	
W. S. Nassau, Columbus to Mary; New Curbing.....	334 77	
W. S. Hanover, Line to Columbus; New Curbing.....	127 88	
W. S. Nassau, Cooper to Harris; New Curbing.....	388 58	
N. S. Cooper, Meeting to Hanover; New Curbing (unfinished).....	116 48	
	<hr/>	2234 33

Ward 11.

• S. S. Morris, Rutledge to Coming; Re-setting Flags and Curbing.....	367 46	
N. S. Morris, Felix to Coming; Re-setting Curbing and raising and filling sidewalk.....	136 63	
W. S. Smith, Morris to Cannon; New Curbing and re-setting Flags.....	189 44	
S. S. Fishburne, Perry to Rutledge; S. S. Carolina, Coming to Tracy; W. S. Coming, Carolina to Sumter W. S. St. Philip, Fishburne to Carolina; New Curbing.....	337 09	
E. S. Ashe, Bogard to Line and W. S. Ashe, Line to Sheppard; E. & W. S. Percy, Spring to Bogard; S. S. Marion, Jasper to Smith; New Curbing (unfinished).....	365 40	
		1396 02

Ward 12.

B. S. Nunan, Rutledge to Ashley; New Curbing.....	\$ 291 22	
B. S. Ashton, Norman to Chestnut; New Curbing and re-setting Flags.....	597 67	
W. S. President, Cannon southward; Re-setting Flags.....	68 11	
W. S. Ashley, Bogard northward; New Curbing (unfinished).....	91 50	
		1 048 50
		\$11 332 89

Below find Annual Statement for 1909 showing the receipts from all sources and the expenditures for different classes of work in the different Departments of the Board of Public Works.

All of which is respectfully submitted,

J. H. DINGLE,
City Engineer.

ANNUAL STATEMENT FOR 1909.

EXPENDITURES.

Scavengering, Wages.....	\$12 066 60	
“ Maintenance.....	1 880 42	
“ New Equipment.....	3 811 28	
“ Stable Expense.....	991 07	
“ Forage.....	3 808 08	22 557 45
<hr/>		
Street Cleaning, Wages.....	13 960 00	
“ Maintenance.....	1 197 40	
“ New Equipment....	668 00	
“ Stable Expense....	481 06	
“ Forage.....	2 210 91	
“ Grass Gang.....	2 864 90	
“ Watering.....	1 118 35	22 500 62
<hr/>		
Sidewalks, Brick, Repairs.....	735 90	
“ Flag, Repairs.....	397 68	
“ Concrete, Repairs.....	190 45	
“ Earth, Repairs.....	304 73	1 628 76
<hr/>		
Curbing, Brick, Repairs.....	43 95	
“ Stone, “.....	48 10	
“ Wood, “.....	39 63	131 68
<hr/>		
Street Paving, Asphalt, Repairs....	108 43	
“ Brick, “.....	192 02	
“ Clay Gravel “.....	556 90	
“ Cobble “.....	436 54	
“ Granite “.....	1 912 61	
“ Macadam “.....	1 618 50	
“ Tar Mac'd'm “.....	267 07	
“ Wood “.....	100 93	5 193 00
<hr/>		
Roadways, Earth, Repairs.....	957 90	
“ Shell, “.....	352 87	1 310 77
<hr/>		
Drains, Brick, Repairs.....	731 22	
“ Pipe, “.....	1 539 92	2 271 14
<hr/>		
Forward.....	\$	

EXPENDITURES (continued.)

Amount Forward.....		\$
New Sidewalks, Flag.....	407 20	
“ “ Concrete.....	5 865 72	6 272 92
New Curbing, Stone.....	6 751 75	6 751 75
New Street Paving, Brick.....	51 704 74	
“ “ “ Granite.....	10 321 15	
“ “ “ Macadam.....	5 769 19	67 795 08
New Roadways, Earth.....	1 499 14	
“ “ “ Shell.....	2 117 41	3 616 55
New Drains, Pipe.....	3 652 43	3 652 43
General expense.....	2 839 97	2 839 97
Shell account.....	1 844 82	1 844 82
Amount of Repair Bills for Plumbers, Contractors, etc., (Repaid from Deposits, by Check, etc., and cred- ited to Highway Account).....	2 476 60	2 476 60
Value of Supplies on hand at City Lot	320 20	320 20
Clerk's Salary.....	1 200 00	1 200 00
Unexpended balance on Scavengering Appropriation returned to City Treasurer	6 30	
Unexpended balance on Street Cleaning Appropriation re- turned to City Treasurer.....	03	6 33
		\$152 370 07

RECEIPTS.

Appropriation for Highways main- tenance and repairs.....	14	200	00	
Appropriation for Street Cleaning...	22	500	00	
" " Scavengering.....	22	500	00	
Special Appropriation for Bull Street.....		150	00	
Special Appropriation for Curbing Fishburne Lot.....	1	840	00	
From 2½ Mill Tax Levy for Improve- ments.....	40	892	97	
" C. C. Ry. G. & E. Co., on account of their portion of New Road- ways, two notes as follows:				
Note paid July 5th, 1909.....	4	028	44	
Note paid October 4th, 1909..	4	028	44	110 139 85
" C. C. Ry. G. & E. Co., for re- pairs to streets.....		505	66	
" C. C. Ry. G. & E. Co., for their portion of resurfacing Char- lotte Street.....		633	80	
" Charleston L. & W. Co., for repairs to street.....		733	63	
" Plumbers, Contractors, etc., for repairs to streets.....		954	06	
" Tidal Drain Committee for repairs to streets.....		81	04	
" Bell Telephone Co., for re- pairs to streets.....		9	20	
" Western Union Tel. Co., for repairs to streets.....		13	97	
" Postal Telegraph Co., for re- pairs to streets.....		30	00	
" Park Commission for extra carts, etc.....		51	62	
" High School Com., for cleaning up School Grounds.....		2	25	
" John Wohltmann for repairs to drain.....		3	40	
				\$
Amount forward.....				\$

Amount brought forward . . .	\$
From G. Sottile for repairs to drain . .	6 80
“ A. J. Easterby for repairs to drain	2 00
“ Follin Bros., for repairs to streets	3 00
“ Mrs. L. M. Hofling for repairs to streets	2 00
“ Sale of Manure at City Sta- bles	37 50
“ Sale of Old Bags, etc.	26 90
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Overdraft Balance on Highway Im- provements account (to be repaid out of the Special Tax levy for Improvement for the years 1910 and 1911 and by notes of the C. C. Ry. G. & E. Co., for their portion of the work, maturing in years 1910 and 1911) secured by note of the Board of Public Works in favor of the City Treasurer	39 133 39
<hr/>	
	\$152 370 07

SCAVENGER DEPARTMENT.

MR. JAS. R. JOHNSON, PRESIDENT
BOARD PUBLIC WORKS,
CHARLESTON, S. C.

Dear Sir:

Please find enclosed detailed Report of City Engineer, J. H. Dingle, on the Garbage Collection during 1909.

It affords me much pleasure to state that by his intelligent and skillful management and the faithful and efficient work of his assistants, Messrs. W. J. Bennett, M. J. Morrison and George E. Courtenay, the Department has been improved in many ways, as shown by his Report.

I respectfully beg that you and the Board will endorse the recommendation of the City Engineer for the additional equipment needed by the Department for 1910.

Respectfully submitted,
J. A. HERTZ, *Chairman*.
Committee, Garbage Collection.

JOHN A. HERTZ, ESQ.,
CHAIRMAN COMMITTEE GARBAGE COLLECTION, B. P. W.

Dear Sir;—

I have the honor to submit for your consideration the following Report concerning Garbage Collection during 1909.

The statement of receipts and expenditures is as follows:

Receipts \$22 500 00
Expenditures

Wages	\$12 066 60
Maintenance	1 880 42
New Equipment	3 811 28
Stable Expense	991 07
Forage	3 808 08
Balance	6 30
	<hr/> 22 563 75

The items of "Wages" and "Forage" will be found lower in 1909 than in the previous year while "Maintenance" and "Stable Expense" are higher due to increased repair work both on rolling stock and on stable building.

Considerable much-needed new equipment was purchased during the year, there having been added to our live and rolling stock the following: 22 Watertight Steel Dump Carts with canvas covers and appurtenances; 4 Mules; 1 Horse. The purchase of these has greatly improved the service and the new carts neatly lettered present a very creditable appearance. However, we are as yet unable to discontinue entirely the use of wooden carts, the best of those on hand being still used to fill out. It would not be amiss to purchase five additional steel carts or the equivalent in wagons during 1910 and I so recommend. Two of our mules died during the year, one in March and one in November and this fact, notwithstanding the purchase of additional mules during the year, has in view of the increased demands made upon the Department hampered us somewhat. I recommend the purchase of 10 mules and the sale of 6 old mules whose usefulness on paved streets is limited. During the year the Department handled garbage, tree trimmings, grass cuttings, etc., to the extent of 42,442 cart loads and during the same time hauled for the Highway Department 6,177 cart loads of material. This latter work was done in the afternoons, the reason for same being set forth in Report of 1908. Sawdust for bedding was hauled to the amount of 114 cart loads making a total of material handled as follows:

Garbage, tree trimmings, grass cuttings. . . .	42442	cart loads
Sawdust for bedding.	114	"
Material hauled for Highway Department. .	6177	"
Grass hauled for "Grass Gang".	1343	"

Total. 50076 cart loads

From the Dog Pound there was removed during the season 312 dead dogs.

The prices paid for Hay, Oats and Corn during the year are as follows:

	Hay Per 100 pounds.	Oats Per bu.	Corn Per bu.
January.	\$ 74½	\$ 59½	\$ 80
February.	90	65	85
March.	74	62½	81½
April.	90	68	—
May.	97	69	—
June.	87½	66	—
July.	88	64	—
August.	89	57	—

	Hay Per 100 pounds.	Oats Per bu.	Corn Per bu.
September.....	84½	48½	—
October.....	88	49	—
November.....	84	49½	82
December.....	83	49½	78
Average for year, Hay.....	85½c per 100 lbs.		
Oats.....	58.96c per bushel.		

The following table shows the average number of carts working per day for each month together with the average number of loads hauled per day and the average number of loads per cart per day.

Month	Average No. Carts per day	Average No. Loads per day	Average No. loads per cart per day
January.....	21.5	118	5.5
February.....	20.4	114	5.6
March.....	21	123	5.8
April.....	22	120	5.5
May.....	22	132	6.0
June.....	22.1	147	6.6
July.....	22.0	143	6.5
August.....	22.2	149	6.7
September....	21.5	142	6.6
October.....	21.4	142	6.6
November....	22.4	148	6.6
December.....	22.4	143	6.3

The disposal of dead animals by burial beyond the City limits was as follows:

Month	Cows	Horses & Mules	Calves	Total
January.....	6	22	3	31
February....	4	17	—	21
March.....	5	13	2	20
April.....	7	14	1	22
May.....	7	15	—	22
June.....	8	16	2	26
July.....	5	13	—	18
August.....	10	10	—	20
September...	3	18	1	22
October.....	12	17	—	29
November...	2	31	1	34
December....	5	19	2	26
Total	74	205	12	291

The live and rolling stock owned by the City in the "Garbage Collection" and Sweeping Departments is as follows:
Garbage Collection Department;

Mules 25; Horses 3; Buggies 2; Steel Dump Carts 21; Wooden Dump Carts 21, in very bad condition; Two-Horse Dump Wagons 2, in need of repairs.

Sweeping Department including Sprinkling;

Mules 18; Two-Horse Sweeping Machines 2; Two-Horse Sprinklers 3 (1 in good condition, 1 in fair condition and 1 in bad condition); Wooden Dump Carts 7, in poor condition.

In addition to the above which includes harness for the live stock, the Highway Department has one mule and one wooden dump cart and maintains one horse and buggy for the use of the City Engineer, making the total head of live stock at City Stables as follows: Mules 44; Horses 4. There are at present at the City Stables eight or ten mules and 1 horse which it would probably be wise to dispose of while some return can be obtained for them. These animals would probably furnish excellent service in the country but their days of usefulness on paved streets have nearly passed. I would recommend that these animals be sold and replaced by new mules and that four additional mules be purchased as recommended above.

For 1910 I would recommend an Appropriation as follows:

Wages, Maintenance,	
Stable Expense and Forage.....	\$ 20 250 00
New Mules.....	2 750 00
	<hr/>
	\$ 23 000 00

In conclusion I beg to commend the results obtained by Mr. W. J. Bennett, in direct charge of the Garbage Collection, to whom, with his Assistants Mr. M. J. Morrison and Mr. Geo. E. Courtenay, credit is due for efficient and harmonious service. I enclose Mr. Bennett's Report.

All of which is respectfully submitted,

J. H. DINGLE,
City Engineer.

CHARLESTON, S. C. January 1, 1910.

MR. JOHN A. HERTZ,

CHAIRMAN COMMITTEE GARBAGE COLLECTION, B. P. W.,
CITY.*Dear Sir:*

I respectfully submit the following work done by the Department for the year ending December 31st, 1909:

Number of Loads of Garbage, Grass, Bushes, etc., hauled monthly.

January.....	3068
February.....	2783
March.....	3359
April.....	3266
May.....	3442
June.....	3804
July.....	3873
August.....	3874
September.....	3706
October.....	3701
November.....	3834
December.....	3732

Total.....42442

Material hauled for Highway Department.....	6177
Sawdust hauled for bedding.....	114

Total.....48733

Dead dogs hauled from pound.....	312
Loads of grass hauled from grass gangs.....	1343
Delivered to F. Horres, Sr., loads of manure.	116
Sweeping and sand pit cleanings.....	8271
Water supply	4226
Watering streets	2155

Total loads.....14652

I cannot close this Report without expressing my appreciation of the services rendered by Mr. M. J. Morrison and Mr. George E. Courtenay in carrying on this work.

All of which I respectfully submit.

W. J. BENNETT,
Chief Bureau Street Cleaning.

STREET CLEANING DEPARTMENT.

CHARLESTON, S. C.,
January 1, 1910.

MR. JAS. R. JOHNSON,
PRESIDENT BOARD OF PUBLIC WORKS,
CHARLESTON, S. C.

Dear Sir:

Enclosed find Report of the City Engineer, Mr. J. H. Dingle, on "Street Sweeping" for the year 1909, and his recommendations for that Department for the year 1910, which speak for themselves.

Yours respectfully,

F. S. HANCKEL, *Chairman.*
Committee Street Sweeping, B. P. W.

F. S. HANCKEL, Esq.,

CHAIRMAN COMMITTEE STREET SWEEPING, B. P. W.

Dear Sir:

I have the honor to submit the following Report on Street Sweeping for the year 1909.

The receipts and expenditures for the year are as follows:

<i>Receipts</i>	\$22 500 65
<i>Expenditures:</i>	
Wages.....	\$13 960 00
Maintenance.....	1 197 40
New Equipment.....	668 00
Stable Expense.....	481 06
Forage.....	2 210 91
Grass Cutting.....	2 864 90
Sprinkling (other than when sweeping).....	1 118 35
Balance.....	03 \$22 500 65

A considerable area of vitrified brick roadway having been constructed in 1908 and 1909, the patrol system of street cleaning was last year extended to the streets so improved; the services of the horse sweeper and gang being withdrawn from these streets and employed in increased service on other streets. The extension of the patrol system with the accompanying necessary increase in number of employees has caused an increase in the item of wages over last year's expenditures. The extension of the patrol system involving also the increase in number of Hand Pick-up Sweeping Machines and the oper-

ation of an additional cart for removal of sweepings has slightly increased the items of "Maintenance," "Stable Expense" and "Forage." "Maintenance" includes repairs to machines and carts while "Stable Expense" embraces Veterinary attention, shoeing, bedding for the stock and similar items. New Equipment for 1909 consists of 1 Mule, 5 "Peerless Pick-Up Sweepers" and 6 canvas cart covers. While the item of "Grass Cutting" is about double the amount expended in the previous season, the results have been much more satisfactory as evidenced by the fact that no complaints on this line were received during the year. Two "Grass Gangs," consisting, each, of six laborers and one foreman, were organized and put to work on May 15th continuing in service until November 1st. During the previous season, while the same number of laborers were employed, the organization consisted of only one gang and the term of service was two weeks less than in 1909. The employment of an additional Foreman, the longer term of service and an increase in the number of loads of grass cuttings hauled will account for the increased expenditure.

Above Line Street, the services of the Chain Gang under the direction of Captain James Kelly were utilized in cutting grass and weeds. The item "Sprinkling" includes cost of new water wagon, harness and two mules.

With modifications such as would be suggested by changes in character of pavements, the sweeping schedule of the two previous years were followed resulting in the collection and removal of 8271 cart loads (1 cu. yd. each) of sweepings. In collecting this amount of sweepings, a total of 4226 sprinkler loads (600 gals. each) of water were used. The Equipment of the Sweeping Department in addition to hand brooms, hoes, shovels, etc., consists of: 14 Mules; 2 Two-Horse Sweeping Machines; 3 Water Wagons; 7 Wooden Dump Carts (in bad condition) and 10 Peerless Pick-Up Sweepers. In the matter of new equipment, we would suggest the advisability of making provision for 1 new sprinkler and 1 new two-horse sweeping machine. The oldest of our 3 sprinklers is in bad condition and one of our 2 sweeping machines will probably fail before the end of the year. The cost of forage for each month will be found in the Report on Garbage Collection.

We would recommend the following Appropriation for 1910:
 Wages, Maintenance (including extensive repairs to wooden dump carts)

Stable Expense, Forage.....	18 000 00	
Grass Cutting.....	2 900 00	20 900 00

Sprinkling.....		800 00
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New Equipment-One 600-gal Sprinkler..	325 00	
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One Two-Horse Sweeper	275 00	600 00
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\$22 300 00

All of which is respectfully submitted.

J. H. DINGLE,
City Engineer.

FINANCE DEPARTMENT.

RECEIPTS AND DISBURSEMENTS OF THE
BOARD OF PUBLIC WORKS.

TO MR. JAS. R. JOHNSON,

PRESIDENT OF THE BOARD OF PUBLIC WORKS.

Below please find report of Finance Committee for the fiscal
year 1909.

Disbursements—

For scavengering.....	\$	22	557	45
For street cleaning.....		22	500	62
For highways, maintenance....		14	435	32
For highways, improvement...		90	073	55
For repairs to streets for pri- vate parties.....		2	476	60
For value of materials on hand at City Lot.....			320	20
For unexpended balance from scavengering returned to City Treasurer.....			6	30
Unexpended balance from Street Cleaning returned to City Treasurer.....			03	\$152 370 07

Receipts—

From appropriations by City

Council.....	61	190	00
From private parties for re- pairs to streets.....	3	032	43
From sale of manure, old grain bags, etc.....		64	40
From 2½ mill improvement. tax.....	40	892	97
From C. C. Ry. Co's. Notes paid in 1909.....	8	056	88

Total Receipts..... 113 236 68

Brought forward.....	113	236	68	
Overdraft balance on highways improvement account to be repaid in years 1910 and 1911, from Special Tax Levy for improvements and from Notes of C. C. Ry. G. & E. Co., for their portion of the new work maturing in 1910 and 1911.....	39	133	39	152 370 07
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BOARD OF PUBLIC WORKS, TRANSACTIONS
WITH CITY TREASURER.

Debit—

For scavengering.....	\$	22	557	45	
“ street cleaning.....		22	500	62	
“ highways.....		107	305	67	
“ unexpended balance on scavengering and street cleaning returned to City Treasurer.....			6	33	
	<hr/>				\$152 370 07

Credit—

For scavengering.....	22	563	75	
“ street cleaning.....	22	500	65	
“ highways.....	68	172	28	
“ Note of Board of Public Works given to secure overdraft on highway improvement account, to be repaid during the years 1910 and 1911.....	39	133	39	\$152 370 07
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All of which is respectfully submitted,
F. Q. O'Neill, *Chairman*,
Finance Committee, 1909.

APPENDIX.

MISCELLANEOUS WORK.

BELGIAN BLOCK AND COBBLE STONE PAVING.

Tradd and Legare; Beaufain and Coming; Queen and Church; East Bay, near Battery; East Bay & Gillon; Broad and Church; Anson, near Market; Anson, near Pinckney; Beaufain, near Archdale; Beaufain, near Coming; Beaufain, near Wilson; John, near Elizabeth; Calhoun and Meeting; Spring and Rose Lane; Rutledge, near Cannon; Beaufain and Pitt; Tradd and Orange; Laurens and Alexander; East Bay, near Commercial Wharf; Broad and Meeting; Queen, bet. Church and Meeting; Gadsden and Wentworth; Wharf and Inspection; Alexander and Laurens; E. S. King, near Wentworth; N. S. Calhoun, near King; Line, near King; Vendue Range; Meeting, near Queen; Wharf and Inspection; Rutledge, north Wentworth; Meeting and Line; East Bay, near Tradd; Meeting, north Horlbeck's Alley; Vendue Range, near Clyde Wharf; East Bay, near Broad; Broad, near East Bay; East Bay and Vendue Range; East Bay, near Tradd; King, north Broad; Queen, near Meeting; S. S. Hasell, west Anson; Rutledge and Bennett; Queen, west King; Amherst and Hanover; Meeting and Atlantic; Meeting and Calhoun; King and Fishburne; King and George; King and Calhoun; King and John; Chapel and Alexander; Woolfe at Ice Factory; Spring and Meeting; Pinckney, bet. Meeting and Maiden Lane; King and Mary; Meeting and Hasell; Queen and East Bay; Church and Elliott; Anson and Wentworth; Pinckney and Maiden Lane; Ashley and Wentworth; Calhoun and Wall; Broad and Legare; King and Liberty; Meeting and Mary; East Bay, north Tradd; Tradd, west King; Rutledge and Spring; Spring, west Rutledge; Chapel and Elizabeth; King, south Tradd; Meeting, near Ladson; Laurens, near Anson; Amherst, bet. Hanover and Bay; Society, near Meeting; Pinckney; Laurens; Laurens and Marsh; Hasell, bet. East Bay and Anson; West End Spring St; King, near Tradd; Tradd and Legare; East Bay, north Market; Rutledge opp. Bennett; Calhoun, near King; Amherst and Bay; Meeting, near Columbus; Spring, near King; King and Morris; Horlbeck's Alley; Hasell, near Meeting; Hasell, near East Bay; East Bay, near Hasell; Rutledge and Bennett; Spring, east Rutledge; Spring, west Rutledge; Legare, south Broad; Beaufain, east

Smith; Meeting and Wentworth; Broad and State; State, north Broad; Cumberland, west East Bay;; Meeting, south Broad; Wentworth and East Bay; Alexander and Minority; Spring, east King; Spring, west King; Market, near Meeting; Anson, south Laurens; Cumberland, near East Bay; Calhoun opp. Marion Square; Cannon, near King; King, near Morris; East Bay, opp. Cone; Beaufain, bet. Smith and Rutledge; King and Cleveland; Spring and St. Philip; East Bay and Unity Alley; Beaufain and Coming; Meeting, opp. Marion Square; Spring, near St. Philip; Tradd and Orange; Church and Broad; Rutledge and Mill; State and Cumberland; Queen, west Legare; Market and Meeting; Woolfe, King to Meeting; Meeting and Hutson; East Bay and Laurens; State and Chalmers; East Bay and Lodge Alley; Queen, near East Bay; Rutledge and Montague; Meeting, north Mary; Meeting, north Spring; Pinckney; Line and Meeting; Calhoun and Washington; Wentworth and Meeting; King and Queen; Laurens and Washington; East Bay and Unity Alley; Calhoun and St. Philip; Amherst; Market, bet. Meeting and King; Broad and Church; Queen, near Church; Archdale and Market; King and Beresford; King and Queen; Beaufain, bet. King and St. Philip; Hasell, near King; Wentworth and Meeting; Rutledge and Calhoun; Calhoun, near King; Line and King; Spring and Chestnut; Meeting, north Calhoun; Queen, east Meeting; Calhoun and Rutledge; Chapel and Alexander; Meeting, near Columbus; John, King to Meeting; Ann, King to Meeting; Mary, King to Meeting; Amherst, Hanover to Bay; King, south Tradd; Beaufain, near Pitt; Spring and Westcoat Ct; Society, near Meeting; Broad, near Church; King, near Queen; Broad, near Meeting; Market, near Meeting; Legare, near Broad; Beaufain, near St. Philip; Calhoun and Coming; Meeting, bet. Line and Spring; State and Market; Pinckney and Anson; Society, King to Anson; Chapel, near Washington; East Bay, bet. Market and Pritchard; East Bay and Calhoun; Calhoun and Wall; East Bay, near Calhoun; Church and Elliott; Meeting and Woolfe; John and Meeting; Horlbeck's Alley; Broad and Church; King and Price's Alley; Meeting at Charleston Hotel; King, bet. Horlbeck and Market; Market and Meeting; King and Queen; East Bay and Market; Society and Anson; Spring and Meeting; Calhoun, near Pitt; Calhoun and Coming; Blake; Drake, from Blake to Columbus; Wentworth and Anson; Chapel and Washington; Ann at Southern Railway Company's Gate; Laurens and East Bay; King and

Calhoun; East Bay and Calhoun; Calhoun and Pitt; Reid and Meeting; Market, east Meeting; Legare, south Broad; King and Tradd; Gibbes St., Broad and State; King and Hasell; Church and Market; King and Calhoun; Church and Chalmers; Queen, east Church; Alexander, south Calhoun; Meeting and Hudson; Tradd, west King; Market and Concord; Legare, north Broad; Meeting and Society; Rutledge and Wentworth; Anson and Pinckney; Hasell and Meeting; Beaufain, west King; Market and King; Anson and Wentworth; Wentworth and Meeting; Rutledge and Wentworth; Amherst and Hanover; Market and Church; Ann, west Meeting; Amherst, near Hanover; Blake and America; Blake and Aiken; Wentworth and Gadsden; Meeting, near Columbus; Gibbes St., Queen, west King; Gadsden and Wentworth; Market and King; Church and Chalmers; King and Clifford; Legare, near Broad; Pinckney and Anson; Queen and Archdale; Anson, south Calhoun; Meeting and Hudson; Ann, near Sou. Ry; Meeting and Market; Wentworth and East Bay; Meeting and Society; Ann, near King; Calhoun and Anson; Blake and America; Line and King; Meeting and Henrietta; Meeting and Spring; Spring and St. Philip; Alexander and Chapel; John and Elizabeth; Drake at Cigar Factory; Drake and Columbus, Meeting and McSwiney Ct.; Meeting, south Wentworth; Market and Meeting; Wentworth and Meeting; Tradd and New; Meeting and Society; Anson and Society; Queen and Archdale; Meeting and Market; Meeting and Hudson; Morris and King; Church and Market; Beaufain and Gadsden; King and Sheppard; Meeting and Cumberland; Society and Meeting; Spring and Meeting; King and Woolfe; Cannon at Colored Hospital; Broad, near Rutledge; Wentworth and Anson; Beaufain and Coming; King and Weims Ct; Beaufain and Archdale; East Bay and Laurens; Laurens, bet. Concord and Washington; George and Glebe; Tradd and Church; Alexander and Beaufort Ct; Calhoun, east Meeting; King and Sheppard; Line and Rose Lane; Calhoun, west King; Wentworth, Anson to Meeting; Meeting, near South Battery; Broad and State; King, Market to Beaufain; Wentworth and Meeting; Calhoun and King; King and Morris; King and Radcliffe; Meeting and Hasell; King and Morris; Society, east Meeting; Beaufain and Pitt; Market and East Bay; Society and Meeting; Columbus and Meeting; Meeting and Hasell; Meeting and Market; Calhoun, bet. King and Meeting; Calhoun, west Meeting; Meeting and Hutson; Calhoun, opp. K. C. Hall; King, bet. Columbus and Mary; East Bay,

south Market; King and Market; King and Beaufain; Philadelphia and Queen; Meeting and Market; East Bay and Queen; East Bay and Broad; King, Broad to Horlbeck; King, Market to Hasell; Calhoun, east King; Prioleau and Vendue Range; Meeting, near Water; Society, near Anson; Wentworth, Meeting to East Bay; Line, near King; Spring and Coming; Rutledge and Spring; Market and King; Rutledge and Vanderhorst; Tradd and Legare; West End Spring, near Bridge, Causeway; Market, west King; Wentworth and Anson; Rutledge and Wentworth; East Bay and Broad; East Bay and Elliott; East Bay and Tradd; Meeting and Society; Meeting and Wentworth; Laurens and Wall; Exchange; Legare and Queen; Queen and East Bay; W. S. King, near Broad; Tradd and Meeting; Calhoun, from Rutledge eastward; State and Queen; Water and Church; Queen, near Meeting; Morris, near King; King, near Market; Queen, near King; King, near Beaufain; Archdale, near Beaufain; Calhoun and Pitt; Rutledge and Wentworth; Chapel and Drake; Spring, near Meeting; Woolfe, Meeting to King; Spring, near King; King near Line; Meeting, near Woolfe; Meeting and Columbus; Tradd and Legare; Cumberland, west East Bay; Legare, near Queen; Queen and Logan.

EARTH STREETS.

(Filling streets and sidewalks.)

Ashley and Wentworth; Wilson, south Beaufain; Ashley, south Wentworth; Limehouse; Concord and Crab; Ashley, south Broad; Beresford, near King; Reid and Meeting; Nassau and Columbus; Race and King; Ashley, near Wentworth; Bull, bet. Coming and Pitt; Bull, Coming to Pitt; Tradd, Rutledge to West End; Elizabeth and Charlotte; Radcliffe and Smith; Pine and Lillie; Mazyck, south Beaufain; Society, east East Bay; Cedar and Meeting; Congress, near King; Bull and Gadsden; Montague and Gadsden; Sumter and Meeting; Race and King; King and Sumter; Sumter and Coming; Sumter and King; Smith, south Beaufain; Smith, north Wentworth; Ogier and Calhoun; Thomas and Warren; Morris, east Rutledge; Fishburne and King; Court House Square; Rutledge and Montague; Duncan, Pitt to Coming; America and Mall; St. Philip, north Line; Church, south Tradd; West End Tradd; Smith, north Calhoun; Magazine, west Beaufain; Beresford, King to Archdale; Wilson, Magazine to Beaufain; Inspection; Burns

Lane, King to Meeting; Lodge Alley; Montague and Rutledge; Nassau and Columbus; Hanover and Cooper; Sheppard and King; Race and King; Bee and Rutledge; Judith and Wragg Square; Judith and Elizabeth; Vernon; Inspection; Bull and Smith; Pitt and Montague; South and America; America and Blake; Meeting at Power House; Sheppard, east King; Nassau, south Columbus; Coming and Radcliffe; West End Tradd; Thomas and Warren; Hanover; Morris and St. Philip; Cleveland and King; Radcliffe and Smith; America and Blake; Nassau; Meeting and Lee; Sumter, west King; Wharf and Inspection; Warren and King; Aiken; Drake; Sheppard and King; Pitt and Vanderhorst; Hanover and Amherst; America and South; Church and Stoll's Alley; South; Logan, south Broad; Limehouse; Washington and Inspection; Nassau and Line; Rutledge and Fishburne; Ashley and Bogard; Radcliffe and Coming; Drake, north Chapel; Sheppard and Perry; Bull, near Coming; Blake and America; South and America; Congress; Coming, north Spring; Smith and Murphy's Ct; Franklin, north Broad; South and America; Coming and Radcliffe; Smith and Radcliffe; Broad and Logan; Vernon, east East Bay; Montague, west Pitt; Morris and Coming; Sumter and Ashley Ave., Ashley, south Broad; Greenhill; Logan, near Broad; Mill, west Ashley; King and Race; Morris and Coming; Smith and Warren; Hanover; Ashley and Sumter; Hanover and Sheppard; Nassau and Lee; Vanderhorst and Smith; Bull and Pitt; Smith, south Wentworth; Smith and Queen; Ashley and Fishburne; Fishburne and Larne Ct; Fishburne, east Rutledge; Nunan, west Rutledge; Nassau and Amherst; Cooper and Hanover; Cooper and America; Ashley and Sumter; Ashley, south Broad; Smith and Wentworth; Meeting and Lee; Race and King; Ashley and Bogard; Crab; Greenhill; Council; Logan; near Queen; Clifford Alley; Montague, west Coming; West end Calhoun St; Amherst and Drake; South; Reid and Meeting; Morris, west Coming; Weims Court; Logan and Tradd; Beresford, west King; Franklin, north Queen; Inspection and Washington; Minority, west East Bay; Sumter and Hanover; Hanover and Reid; Ashe; Radcliffe and Coming; Radcliffe and Smith; Ashley and Fishburne; Bull, near Coming; South; Hanover and Columbus; Gadsden and Wentworth; Butler and Meeting; Rose Lane and Line; Aiken; Drake and Amherst; Nassau and Amherst; Meeting and Butler; Mazyck, south Beaufain; Wall and Minority; Coming and Morris; Coming and Bogard; Lee and Nassau; Morris, Jasper to Coming;

Court House Square; Eliazbeth, near Calhoun; East end Columbus; President, north Bee; Johnson's Court; Vanderhorst and Thomas; Vanderhorst and Smith; Sheppard, west Meeting; President, Bogard to Spring; Bogard, west Ashley Ave; Drake and Reid; Drake and Amherst; Greenhill; Limehouse; Line, near President; Concord and Central Wharf; Jasper and Marion; Chisolm, Broad to Tradd; Marsh; Mazyck; Rutledge and Fishburne; West end Tradd; Ashley, south Broad; Holmes, from Nunan to Fishburne; Elizabeth and Charlotte; St. Philip, north Line; Gadsden, south Wentworth; President, south Cannon; St. Philip and Sheppard; St. Philip and Bogard; Marsh and Inspection; Bull and Gadsden; E. S. St. Philip, Sheppard to Fishburne; King and Sumter; Felix; Nunan; Franklin, north Queen; Magazine, west Logan; Ashe, Spring to Bogard; America, north South; Cooper; Percy; St. Philip, near Line; Sires; Alexander, south Calhoun; Council; Glebe, north Wentworth; S. S. Hasell, east East Bay; Glebe, from Wentworth to George; King and Congress; Pitt, south Montague; Hampstead; Gadsden, Wentworth to Beaufain; Coming and Green; Coming, from Cannon to Morris; Cannon, near Coming; Smith, Calhoun to Bull; Sheppard, west Meeting; President, Bee to Doughty; Fishburne; Cooper and Drake; Nassau; Chisolm; Society, east Bay; Gadsden and Wentworth; Smith and Vanderhorst; Pitt and Vanderhorst;.

DRAINS.

Hasell, west Meeting; King and Columbus; Vernon and Wharf; Queen, bet. King and Meeting; King and Burns Lane; East Bay and Pritchard; Anson, bet. Laurens and Society; Hampden Court; Nassau; Laurens and Alexander; Columbus and Hanover; Liberty; King and Mary; Liberty and St. Philip; E. S. King, north Columbus; Bogard, east Rutledge; Carolina; Fishburne; Francis; Rose Lane; Sheppard; Sires; Tracy; Bogard, west Rutledge; President; Meeting, opp. Atlantic; Beaufain and Archdale; Alexander and Chapel; Reid, east Meeting; King and Race; Rutledge, south Calhoun; Hudson, Meeting to King; Anson, south Hasell; Broad and New; Beaufain and Archdale; King and George; Hudson and King; Race and King; Judith; Hanover; South; Aiken; Drake; Reid; King; Cooper; Reid; Nassau; King, north Sheppard; Norman; Ashley Ave; north Bee; Beaufain, east Smith; King and George; Calhoun and East Bay; Smith; Judith; Alexander; Henrietta; Elizabeth;

Pitt; Thomas; Radcliffe; Mill; Palmetto; Bee; Wentworth; Beaufain; Rutledge and Queen; Smith and Beaufain; Laurens and Washington; Smith, north Beaufain; Wentworth and Smith; Beaufain, east Smith; Trapman, Broad to Queen; Montague, west Rutledge; King and Wentworth; Laurens and Washington; East Bay and Pritchard; Spring, west King; Smith, south Beaufain; Queen, east Rutledge; Meeting and Society; Wentworth and St. Philip; Beaufain and St. Philip; Legare and Broad; Lodge Alley and East Bay; Nunan; Pitt; Duncan to Vanderhorst; King, near Calhoun; Pitt, south Vanderhorst; Church and Water; King, bet. Wentworth and Liberty; Anson, south Laurens; Wharf; Chapel; Cannon and Coming; Reid; Coming, and Calhoun; Washington, south Vernon; Judith, bet. Alexander and Elizabeth; Reid, west Meeting; Bogard, bet. St. Philip and Rose Lane; Washington, bet. Vernon and Inspection; Meeting, north Spring; Society, near Anson; Bull, near Coming; Meeting and Columbus; Unity Alley and State; Broad and State; Bogard, east Rutledge; Liberty; Cumberland and Church; Calhoun at West Point Mill; Hanover; Amherst; St. Philip and Morris; Hanover, north Amherst; Meeting, south Columbus; Amherst, east Hanover; Hasell, east Meeting; Magazine, east Franklin; Tradd and New; Wentworth and Meeting; Short and Franklin; Amherst, near Hanover; East Bay and Vernon; Aiken; Cooper; Nassau; Wentworth and Gadsden; Gadsden, north Wentworth; Clifford, west King; Anson, bet. Society and Laurens; Calhoun and St. Philip; Gadsden and Wentworth; Ashley and Mill; Rutledge, north Bee; Gadsden and Bull; Pinckney and Anson; Wilson, south Beaufain; East Bay and Laurens; Coming and Warren; Queen, near Legare; Mazyck, north Queen; Washington and Vernon; Spring, west King; Bogard, east Rutledge; Calhoun, near Rutledge; Mill, near Ashley; Rutledge, near Calhoun; Amherst and Hanover; Morris, west St. Philip; Wentworth and Coming; Broad, near Logan; East Bay, south Calhoun; Hasell and Meeting; Drake; Reid; Bee; Mill; President; Warren; Thomas; Lucas Radcliffe; Cannon; Judith; Elizabeth; Henrietta; Meeting and Market; Pinckney and Church; Beaufain and Coming; Wentworth, near Glebe; King and Liberty; John, near King; Calhoun and St. Philip; Bennett; Meeting and Sumter; King and Race; Judith and Alexander; Line and Rutledge; King and Warren; Rutledge and Line; Cumberland, east Meeting; Wentworth, east Coming; King and Tradd; King, near Market; Wentworth, near Coming; Blake and America; King, bet.

Line and Columbus; King, bet. Morris and Cannon; Beaufain and Rutledge; Beaufain and Archdale; Beaufain and Pitt; Laurens and East Bay; Hasell and Anson; Burns Lane; Wentworth and Pitt; Wentworth and Glebe; Meeting and Spring; King, bet. Morris and Radcliffe; Laurens and East Bay; Laurens and Alexander; Elizabeth and Charlotte; King, E. S. Columbus to Line; King, W. S., bet. Vanderhorst and Warren; Hasell, east East Bay; Anson and George; Anson and Laurens; Burns Lane; Mazyck and Magazine; Clifford; King, near Sou. Battery; Amherst and Nassau; Coming and Vanderhorst; King and Vanderhorst; Radcliffe and Smith; Fishburne and Ashley; Market, near King; Amherst, east Nassau; Sheppard and Meeting; Anson and Wentworth; Rafer's Alley; Wentworth and Smith; Wentworth and Pitt; Radcliffe and Smith; Smith, near Bull; Rutledge and Sheppard; Sumter and Rutledge; King, Radcliffe to Warren; King, north George; "E" St; Morris and King; Meeting, near Market; W. S. King, near Market; Mazyck; Laurens; George, near Glebe; Calhoun, west King; Montague; Rutledge and Vanderhorst; Bogard; America; Cooper St. Philip; Coming, north Spring; Laurens; Society and Anson; King and Hasell; Beaufain, near King; Rutledge and Montague; Amherst and Drake; King and Burns Lane; Nassau; Bay; Ashley Avenue; Calhoun; Vanderhorst, west King; Aiken; Hampstead; Morris; Cleveland; Frances; Tracy; Smith and Queen; Trapman and Queen; Calhoun and Rutledge; Morris and Jasper; King, Morris to Cannon; Queen and East Bay; Wentworth, west Rutledge; Hutson; Rutledge, north Wentworth; Beaufain and St. Philip; East Bay and Wentworth; Broad, near Logan; Wharf, bet. Inspection and Vernon; Alexander and Chapel; Drake, bet. Amherst and Reid; Nassau, Cooper to Lee; Smith and Vanderhorst; Nassau, Lee to Cooper; Blake; Hanover; Mary; St. Philip, Line to Sheppard; Ashley, Bogard to Sumter; America; Franklin; Magazine; Wilson; Gadsden; Bull; Montague; Lucas; Doughty; Mill; Bee; Rutledge Avenue.

FLAG SIDEWALKS.

Church and Water; Ashley, near Bull; New, E. S. near Broad; Hayne, opp. Hotel Stables; N. S. Radcliffe, west St Philip; E. S. Ashley, north Calhoun; N. S. Calhoun, west Lucas; Hasell and Meeting; Meeting and Wentworth; N. S. Market, Meeting to King; S. S. Broad, near State; Rutledge and Wentworth; N. S. Market, near Church; E. S. Rutledge, south Calhoun; East Battery,

south Water; Hasell, west Meeting; W. S. Church, south Broad; Bull and Rutledge; Beaufain, west St. Philip; Amherst and America; Spring, west King; Tradd, near King; Calhoun, N. S., near Meeting; Rutledge Ave., north Wentworth; Rutledge Ave., south Bull; Coming, north Cannon; N. S. Wentworth, east Pitt; President and Cannon; Meeting, near Market; Vanderhorst, near Rutledge; Meeting, north Cumberland; Hasell, near King; Vanderhorst and Rutledge; Church and Market; Charlotte, Alexander to Washington; Bogard, east of Rutledge; Broad and East Bay; Rutledge, near Beaufain; N. S. Vernon, east of Washington; Thomas, near Radcliffe; Smith, at No. 122; Coming, south Calhoun; Radcliffe, opp. Thomas; S. S. Columbus, Railroad to King; Reid and America; S. S. Columbus, east King; N. S. Radcliffe, west Thomas; E. S. King, south Broad; W. S. Nassau, south Columbus; Meeting and St. Michael's Alley; Meeting, bet. Market and Hasell; Meeting and Queen; Meeting, near John; S. S. Charlotte, Elizabeth to Meeting; Vanderhorst, west Pitt; S. S. Reid, bet. King and Meeting; Tradd and Legare; Church, north Broad; W. S. Coming, north Radcliffe.

BRICK SIDEWALKS.

Market St., at Ice Delivery Co. (Gateway); Vernon and Wharf; Church and Water; Ashley, near Bull (Gateway); Cannon and King (Gateway); S. S. Ann, east Meeting; St. Philip and Vanderhorst; Columbus at City Alms House; S. S. Laurens, near Alexander; S. S. Ann, near Meeting; N. S. Hayne, east Meeting; E. S. St. Philip, north Liberty; Ann, east Meeting; N. S. Hayne, Anson to Church; Montague St. (Gateways); Pitt and Duncan; Franklin, north Broad; Vanderhorst and Pitt; W. S. Orange, near Tradd; Clifford, near King; Market and Church; E. S. Rutledge, south Calhoun (Gateways); E. S. Church, near Water; Franklin, near Short; Smith at No. 35 (Gateway); Wentworth and Meeting; W. S. Nassau, near Woolfe; Hasell, near Meeting; Coming at No. 205; Queen, east King; Queen, west King; Vanderhorst and Rutledge; Smith and Warren; Coming and Beaufain; Spring, opp. Ashe; Church bet. Hayne and Pinckney; E. S. King at No. 40; Charlotte, Alexander to Washington; Coming at No. 204; W. S. Thomas, from Radcliffe to Warren; N. S. Broad, near Logan; Vernon at No. 20 (Gateway); Radcliffe, opp. Thomas (Gateway); East Bay, near Tradd; Bee, near Rutledge; Beaufain and Archdale;

Queen, west Legare; Montague and Ashley; Ashley, near Bull; N. S. Bee, Rutledge to Ashley; N. S. Tradd, near Meeting; Queen and Meeting; Beaufain and Archdale; Reid, near Railroad; Tradd, near King; Charlotte, near Meeting (Gateways); Elizabeth, bet. Chapel and Judith; Jasper Court; Thomas and Radcliffe.

CURBING.

Lightwood St; Market and Meeting; Atlantic and Lightwood; Felix; Nunan and Rutledge; Henrietta; Alexander and Chapel; West, west Archdale; Mazyck and West; Church, near Water; Laurens, near East Bay; Meeting and Wragg; Elizabeth at at No. 26; S. S. Broad and Postoffice Square; Sheppard, west Meeting; Laurens, near Alexander; Church, near Queen.

CONCRETE SIDEWALKS.

King, near Morris; King, near Battery; E. S. King, north • Reid; Drake at Cigar Factory; Wentworth, west Rutledge; Broad and Rutledge.

BRICK ROADWAYS.

S. S. Wentworth, west King; Wentworth and St. Philip; St. Philip and Wentworth; Columbus; Broad, near Logan; St. Philip, north Morris; N. S. Broad, near Orange; King, opp. Liberty; Rutledge and Line; King and Burns Lane; King, south Wentworth; Church, near Water; George, near King;

MACADAM ROADWAYS.

New, near Broad; Charlotte; Ashley, Bogard to Cannon; Bogard, Ashley to Rutledge; Archdale, north Queen; Lamboll; America, from South to Reid; Line; America; Alexander; Vanderhorst; Atlantic; Lamboll; Ashley; Line, near Rutledge; Columbus, bet. King and Meeting.

CLAY GRAVEL ROADWAYS.

Cannon, east Rutledge; Ladson; Rutledge, north Sumter; Coming and Calhoun; Cannon and Coming; Cannon and St. Philip; Rutledge and Carolina; Rutledge near Huger; Orange.

OFFICERS AND COMMITTEES.

JAS. R. JOHNSON.....*President.*
F. S. HANCKEL.....*Vice-President.*
J. H. DINGLE.....*City Engineer.*
JACOB WILLIMAN.....*Secretary.*

BOARD.

H. F. Walker and John A. Hertz.
T. T. Hyde and E. W. Wynne*
Morris Israel and Jas. R. Johnson,
From Council—Alderman F. S. Hanckel,
Chairman Com. on Streets.
From Council—Alderman Frank Q. O'Neill,
Chairman Com. on Ways and Means.
From Council—The Mayor R. G. Rhett.

*Died December 5th, 1909.

Mr. C. Norwood Hastie appointed Dec. 14th.

STANDING COMMITTEES.

Street Cleaning—Messrs. Hanckel, O'Neill and Hyde.
Garbage Removal—Messrs. Hertz, Israel and Walker.
Repairs and Improvements—Messrs. Johnson, Wynne and the
Mayor.
Finance—Messrs. O'Neill, Walker and the Mayor.

OFFICE OF CORPORATION COUNSEL.

Charleston, S. C., December 31, 1909.

*To the Honorable the Mayor and Aldermen
of the City of Charleston, S. C.*

Gentlemen:

I have the honor to submit my report as Corporation Counsel for the year ending December 31, 1909.

Throughout the year advice has been given to the Mayor and to members of the Board of Aldermen, to the heads of the various departments of the city, on various matters, and at their request ordinances and reports have been prepared from time to time.

LITIGATION.

The following matters have been in litigation or contested and have had my attention during the past year:

Swinton B. Tucker vs. The City Council of Charleston.

The plaintiff in this case appealed to the Supreme Court, and the appeal was dismissed by this Court on January 8, 1909.

Thomas L. Grant vs. The City Council of Charleston

The plaintiff appealed to the Supreme Court from the temporary injunction. The Supreme Court sustained the appeal in part, and the case is now pending in the Civil Court.

Oliver Turner vs. The City Council of Charleston.

Action for damages for \$500 on account of personal injuries received from defect in pavement on Wilson Street.

This case was compromised by the payment of \$75 to plaintiff and his costs, amounting to \$3.75.

John Cooper vs. Market Commissioners.

An injunction was obtained against the Market Commissioners by plaintiff, restraining them from closing his stall in the City Market for fifteen (15) days, on account of misconduct. This case was fully argued and decided in favor of the commissioners.

Prosecutions in Police Court.

From time to time throughout the year, when requested by the Mayor or by the heads of the various departments of the city, I have attended at the Police Court and conducted prosecutions for violations of city ordinances in special cases.

Special prosecutions were conducted by me against lottery venders, and also three separate cases against the Southern Railway for blocking Chapel Street.

Opinions have been given to the Committee on Brick and Wooden Buildings, and to the Dock Commission, in reference to the powers of the Committee, and of the Dock Commission, in reference to unsafe structures, and the matter of repairs taken up with the owners. As a result of the work of this committee and of the Dock Commission certain buildings have been made safe, and unsafe buildings taken down. The condition of some of the wharves have also been somewhat improved.

CONTRACTS.

During the year I prepared the following contracts:

Bove & Page, laying concrete sidewalks.

Bove & Page, laying granite curbing.

A. J. Riley, for furnishing and placing lamps at City Hall.

Simons & Mayrant, for laying sewers.

D. E. F. Fortune, for building road at Chicora Park.

Conveyance, City Council of Charleston, to Charleston Terminal Company, conveying Hard Alley.

Conveyance, Charleston Terminal Company, to City Council of Charleston, conveying strip of land for Pritchard Street.

Conveyance, Wm. J. Storen, Executor, to City Council of Charleston, conveying property for Huger and Seyle Streets.

Lease, Commissioners of Public Lands, to Jenkins Orphan Aid Society, leasing Ashley River Farm.

Conveyance, City Council of Charleston, to State of South Carolina, conveying Old Police Station.

Conveyance, City Council of Charleston, to U. S. of America, conveying 28 acres at Chicora Park for Marine Barracks.

Conveyance, City Council of Charleston and E. P. Burton Lumber Company, to U. S. of America, conveying Right of Way.

Quit-claim Deed, City Council of Charleston, to Mrs. Ellen Rabb, conveying property on Queen Street.

TITLES EXAMINED.

Property on Huger and Seyle Streets to be used by the Fire Department for Engine House.

Battery Boulevard.

The title of the various owners of property along the Battery Boulevard was investigated. Agreements prepared and advice given to the Mayor from time to time in reference to legal methods necessary to be pursued in order to carry out the project.

LEGISLATIVE MATTERS.

In order to give the City Council authority to construct the sea wall and extend the Battery Boulevard over the mud flats from South Battery to Tradd Street, bills were pre-

pared to present to the General Assembly for passage, and at the request of the Mayor I attended meetings of the committees of both branches of the General Assembly, in Columbia, and argued the legal questions before the committees.

OPINIONS.

During the past year, owing to the maturity of the bonds due in the year 1909 and the issue of new Bonds by the city, a great many opinions were furnished for the transfer of registered bonds to bonds made payable to bearer. This subject has occasioned considerable work on this office, requiring examinations into the records of the Mesne Conveyance and Court offices. Written opinions have been given to the City Treasurer for the transfer of registered bonds aggregating upwards of \$50,000.

I have given to the Mayor and Aldermen and to the heads of the various departments of the city eighty-two (82) written opinions on various matters during the past year.

Respectfully submitted,

GEORGE H. MOFFETT,

Corporation Counsel.

REPORT OF THE CHIEF OF POLICE.

Central Station, Office Chief of Police,
Charleston, S. C., January 10, 1910.

*To the Honorable the Mayor and City Council
of Charleston, S. C.*

Gentlemen:

Herewith I respectfully present for your consideration my annual report of the Police Department for the year ending December 31, 1909.

STRENGTH OF THE FORCE.

With the aid and coöperation of the commissioned officers I have endeavored to maintain the discipline of the force, and the same has been kept at its full strength, viz:

ONE CHIEF.

Three Lieutenants,	One City Electrician,
One Clerk,	Eighty-seven Privates,
Two Orderly Sergeants,	Four Special Dispensary Privates,
Eight Duty Sergeants,	One Dispensary Sergeant,
One Chief of Detectives,	Two Gate Sentinels,
Three Detectives,	Two Daymen,
	Five Drivers.

HEALTH OF THE DEPARTMENT.

The health of the department has been unusually good, and free from any epidemics of any character. It is my painful duty, however, to announce the death of Private Breedlove, who was taken suddenly ill in quarters at police station, 10:40 o'clock p. m., November 22, 1909, and sent to the Roper Hospital, where he died 12:50 o'clock the following morning.

His record was good, and as a policeman he performed his duties faithfully and well.

VACANCIES AND APPOINTMENTS.

The vacancies occurring during the past year have been filled by the following appointments:

VACANCIES.

Vacancy caused by death	1 Private
Discharged for cause	5 Privates
Resigned without charges	11 Privates
Resigned under charges	3 Privates
Retired on pension	1 Private
Total.....	21 Privates

APPOINTMENTS.

To fill the above vacancies..... 21 Privates

STATEMENT OF CHARGES PREFERRED AGAINST MEMBERS OF THE FORCE;
THE DISPOSITION OF CHARGES, ETC.

CHARGES.	DISPOSITION.				
	Excused	Fined	Resigned	Discharged	Total
Absent without leave..... 7 Privates	2	5	.....	.....	7
Absent from roll call..... 6 Privates	8	3	.....	.....	6
Allowing prisoner to escape..... 2 Privates	1	1	.....	.....	2
Being off post..... 25 Privates	6	17	1	1	25
Continual absence from duty..... 1 Private	.....	.....	.....	1	1
Conduct unbecoming an officer..... 12 Privates	6	5	1	.....	12
Conduct unbecoming a driver..... 1 Driver	1	.....	.....	.....	1
Failing to pull boxes on time..... 22 Privates	11	11	.....	.....	22
Failing to furnish physician's certificate on sick report..... 5 Privates	3	2	.....	.....	5
Failing to report relief..... 1 Private	1	.....	.....	.....	1
Giving wrong instructions..... 1 Private	1	.....	.....	.....	1
Intoxication..... 4 Privates	.....	.....	1	3	4
Loitering and conversing while on duty.. 13 Privates	4	9	.....	.....	13
Leaving post before being properly relieved..... 14 Privates	.....	14	.....	.....	14
Leaving station house by back gate without permission..... 1 Driver	1	.....	.....	.....	1
Neglect of duty..... 1 Sergeant	1	.....	.....	.....	1
Neglect of duty..... 21 Privates	7	14	.....	.....	21
Neglect of duty..... 1 Dayman	.....	1	.....	.....	1
Sitting down while on duty..... 5 Privates	.....	5	.....	.....	5
Smoking while in uniform..... 1 Private	.....	1	.....	.....	1
Tardy in reporting relief..... 2 Privates	2	.....	.....	.....	2
Unnecessary use of club..... 5 Privates	5	.....	.....	.....	5
Wearing citizen's clothes without permission..... 1 Private	.....	1	.....	.....	1
Totals..... 152	55	89	3	5	152

EXECUTION OF THE VAGRANT LAW.

The ordinance bearing on vagrants has been energetically enforced, as the number of arrests for the year will show. The willingness on the part of citizens to testify in behalf of this class of people seriously interferes with obtaining convictions in the Recorder's Court.

EXECUTION OF THE DISPENSARY LAW.

Every effort has been made by the police department to enforce this law. Below I give the number of warrants taken out, also number of raids and amount of liquor seized.

REPORT OF RAIDING SQUAD,

From January 1st, to December 31st, 1909.

Raids made with warrants	1,000
Raids made without warrants	4,650
Total number of raids	5,650

AMOUNT OF CONTRABAND LIQUOR SEIZED.

Thirty-one gallon kegs of whiskey	1
Fifteen gallon kegs of whiskey	12
Ten gallon kegs of whiskey	14
Eight gallon kegs of whiskey	3
Five gallon kegs of whiskey	1
Four and one-half gallon kegs of whiskey	7
Cases of whiskey	63
Barrels of beer	21
Quarter kegs of beer	21
Pint bottles of beer	7,424
Half-pint bottles of whiskey	4,840
Gallon demijohns of whiskey	2
Quarts of wine	2
Quarts of champagne	1
Barrel of Rhine wine	1
Half-pint bottles of beer	23
Pints of whiskey	17
Quarts of whiskey	952

DISPOSITION OF CONTRABAND LIQUOR:

TURNED OVER TO COUNTY BOARD OF CONTROL.

Thirty-one gallon kegs of whiskey	1
Fifteen gallon kegs of whiskey	12
Ten gallon kegs of whiskey	14
Eight gallon kegs of whiskey	3
Five gallon kegs of whiskey	1
Four and a half gallon kegs of whiskey	7
Cases of whiskey	52
Barrels of beer	21
Pint bottles of beer	7,424
Half pints of whiskey	4,840
Gallon demijohns of whiskey	2
Quarts of wine	2
Quarts of champagne	1
Half pint bottles of beer	23
Pints of whiskey	17
Quarts of whiskey	952

DELIVERED TO OWNERS.

Cases of whiskey	11
Barrels of Rhine wine	1

EMPTIED IN SEWER AT STATION HOUSE.

Quarter kegs of beer	21
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DETECTIVE DEPARTMENT.

The detective department have performed good and efficient duty during the year, as the number of criminals sent to the Court of General Sessions and the amount of property recovered will show.

Value of property recovered during year..... \$ 7,626.29

POLICE SIGNAL AND TELEPHONE SERVICE.

This department has been creditably handled by City Electrician I'on Simons. His report to Mayor Rhett will speak for itself.

Calls sent in by policemen	86,426
Prisoners brought in by wagons	2,159
Prisoners brought in by policemen	963
Reported cases	540

Total number of arrests 3,662

	Times	Miles
Alarms responded to by wagons	1,740	3,480
Wagons sent to jail with prisoners	283	566
Wagons sent to Magistrates with prisoners	140	280
Wagons sent to hospitals with prisoners	395	790
Wagons sent with sergeants and squads to fires.....	103	206
Wagons sent on special calls	4,100	8,200

Total number of calls and mileage..... 6,761 13,522

FINANCIAL REPORT OF DEPARTMENT FOR YEAR 1909.

Amount of fines imposed at Recorder's Court for year 1909..\$45,584.75

Amount of fines paid at Recorder's Court for year 1909..... 34,311.45

Valuation of property recovered during year 1909.....\$ 7,626.29

Cash recovered during year 1909..... 192.39

Total valuation of property recovered \$ 7,818.68

DISPOSITION OF CASH RECOVERED.

Returned to owners\$ 135.33

Deposited with City Treasurer 57.06

\$ 192.39

TOTAL AMOUNT DEPOSITED WITH CITY TREASURER FOR YEAR 1909.

Fines from Recorder's Court\$34,311.45

Cash recovered 60.09

Sale of hats, belts and clubs 38.00

Sale of empty grain sacks 14.04

Sale of goats taken up running at large 11.80

Sale of manure 6.50

Sale of poultry recovered during year 1.65

Collected for broken lanterns75

Total amount turned into Treasurer.....\$34,444.28

POLICE RELIEF AND PENSION FUND, YEAR 1909.

January	\$ 156.82
February	145.38
March	153.99
April	149.68
May	93.02
June	130.73
July	116.51
August	146.47
September	163.64
October	127.65
November	107.99
December	31.77
Total.....	<u>\$1,523.65</u>

CONDENSED EXPENSES OF THE POLICE DEPARTMENT,
From January 1st, to December 31st, 1909.

Appropriation for year 1909: \$96,750.00.

Pay roll for year	\$37,618.83
Forage and shoeing of horses	2,334.77
Gas, electric lights, oils, lanterns, etc.	1,391.38
Line and signal supplies	699.15
Expenses for running dog pound	706.39
Purchase and exchange of horses	365.00
New overcoats	424.00
Coal and bread	484.08
Miscellaneous bills	535.94
Stationery, books, belts and clubs	333.05
Petty cash for year	300.00
Salary veterinary surgeon	300.00
Repairs to building and fixtures	288.81
Insurance, repairs to wagons, etc.	216.95
Rubber coats	129.50
Saddles and equipments	101.20
Repairs to bicycles	104.25
Bedding for horses	99.75
Ice	94.50
Telephones	50.20
New pistol holsters	19.85
Total	<u>\$96,597.60</u>

Condensed expenses for year 1909	\$96,597.60
Balance turned into City Treasurer.....	152.40
	<hr/>
	\$96,750.00

Two horses found diseased were shot by order of the veterinary surgeon, and two new ones purchased to replace them. With the exception of two (2) of the patrol wagon horses, the rest are in good and sound condition.

Some repairs to shed and ceiling of central station building are required, and an appropriation will be asked for same.

It is with renewed pleasure that I again attest my appreciation of the manner in which Recorder Theo. D. Jervey sustains the police department by his courteous dealings and judicious decisions.

All of which is respectfully submitted,

W. A. BOYLE,
Chief of Police.

Official:

CHAS. L. SHEPPARD,
Clerk Police Dept.

STATEMENT SHOWING NUMBER OF PERSONS ARRESTED DURING YEAR AND
FINES IMPOSED AND PAID.

OFFENCES	White		Colored		Total No. of Arrests
	Male	Female	Male	Female	
Assault	18	...	89	7	59
Assault aggravated	18	1	47	11	77
Assault on the police	10	1	11	...	22
Allowing dog to bite	4	2	4	3	18
Allowing chimney to blaze	1	1	9	8	19
Applied for lodgings	81	...	3	...	84
Accidentally killed	8	1	9	4	17
Arson	1	...	...	...	1
Abduction	1	...	...	...	1
Abandoned by parents	1	...	...	...	1
Breach of peace	20	...	82	58	160
Burglary .....	...	...	5	...	5
Burglary and larceny	1	...	6	...	7
Beating way on railroad .....	...	...	1	...	1
Carrying concealed weapons	18	...	32	1	46
Cruelty to animals	3	...	17	...	20
Car breaking .....	...	...	5	...	5
Car breaking and larceny .....	...	...	1	...	1
Careless riding .....	...	...	1	...	1
Careless driving .....	...	...	1	...	1
Drunk	65	5	43	7	120
Drunk and disorderly	126	8	191	60	385
Disorderly conduct	69	8	201	104	382
Disorderly persons	29	19	288	126	457
Died suddenly	4	...	11	7	22
Detained as witnesses	3	2	1	3	9
Desertion	10	...	...	...	10
Distributing hand bills .....	...	...	1	...	1
Escaped convicts .....	...	...	2	...	2
Found sick	56	6	78	21	161
Found wounded	30	1	99	30	160
Found injured	17	2	48	4	71
Found drowned	2	...	6	...	8
Found dead	1	1	6	3	11
Fast driving .....	...	...	6	...	6
Fast running of automobiles	8	...	...	...	8
Following parades through streets .....	...	...	7	...	7
Forgery	1	...	3	...	4
Firing pistols	4	1	11	...	16
Firing crackers on streets	3	...	3	1	7
Gambling	10	...	96	...	106
Highway robbery .....	...	...	14	2	16
House breaking .....	...	...	5	...	5
House breaking and larceny	4	...	9	...	13
Handling contraband liquor .....	...	...	7	...	7

STATEMENT SHOWING NUMBER OF PERSONS ARRESTED DURING YEAR AND
CAUSE OF THEIR ARREST—Continued.

OFFENCES	White		Colored		Total No. of Arrests
	Male	Female	Male	Female	
Homicide	1	..	7	..	8
Insane	5	..	12	12	29
Interfering with officer	8	..	2	..	5
Keeping gambling houses	107	..	..	..	107
Larceny (petty)	17	..	109	19	145
Larceny (grand)	12	..	81	7	50
Larceny of bicycles .....	..	..	8	..	8
Larceny of live stock .....	..	..	8	..	8
Larceny from the person	1	..	1	..	2
Lodged on warrant	11	..	81	6	48
Lodged for safe keeping	79	..	20	..	99
Lodged at request Collector Port	8	..	..	..	8
Lodged subject order Coroner .....	..	..	8	..	8
Obstructing streets	2	..	..	..	2
Obstructing sidewalks	4	..	1	..	5
Obtaining money by false pretence	2	..	1	..	3
Rape .....	..	..	1	..	1
Rape attempted .....	..	..	8	..	8
Riding bicycles on sidewalks .....	..	..	7	..	7
Riding bicycles without lights	4	..	5	..	9
Riding bicycles without bells .....	..	..	2	..	2
Riding bicycles recklessly .....	..	..	1	..	1
Rolling wheelbarrows on sidewalks .....	..	..	1	..	1
Running vehicles without license	57	..	14	..	71
Receiving stolen goods .....	..	..	1	..	1
Selling lottery tickets	4	..	82	..	86
Selling vegetables without license	1	..	50	1	52
Selling fish without license .....	..	..	2	..	2
Selling railroad tickets without license .....	..	..	1	..	1
Selling cocaine	8	..	8	..	6
Smoking on wharves .....	..	..	8	..	8
Suicides	2	..	..	..	2
Suicide attempted .....	..	2	..	..	2
Sending in false alarm of fire .....	..	..	1	..	1
Trespass	2	1	8	..	6
Using illegal measures .....	..	..	8	..	8
Violating dispensary ordinance	848	8	6	..	857
Violating orders Board Health	7	..	7	..	14
Violating Sunday ordinance	1	..	8	..	4
Violating milk ordinance	8	1	1	..	10
Violating garbage ordinance .....	..	..	..	9	9
Wife beating	2	..	1	..	3
	1248	66	1884	514	8662

SENTENCES

	White		Colored		Total Number
	Male	Female	Male	Female	
Bail forfeited	577	19	273	41	910
Dismissed	118	8	287	81	494
Dismissed, no charges preferred	99		18		117
Dismissed, charges withdrawn	7		9		16
Dismissed, no prosecutor appearing	11	2	40	3	56
Dismissed, licenses produced	57		67	1	125
Delivered to warrant	12		37	6	55
Delivered to officer	10		5		15
Delivered to U. S. Commissioner	3				3
Delivered to parents	1		2		3
Find, no imprisonment	3		3	6	12
Referred to Jenkins Reformatory			11		11
Referred to Jenkins Orphanage			5	1	6
Referred to Magistrate	43	3	149	28	223
Referred to coroner	15	2	36	14	67
Sent Home	8	1	18	3	30
Sent to Jail	56	21	84	266	427
Sent to chain gang	128		563		691
Sent to hospital	100	9	227	64	400
	1248	66	1884	514	3662

FINES IMPOSED AND PAID.

	Amount of Fines Imposed at Police Court	Amount of Fines Paid by Prisoners	Amount Paid to Treasurer	Amount of Forfeitures Deducted from Pay of Police for Lost Time	Amount of Fines Imposed on Police for Violations of Rules and Regulations
1st Quarter	\$12,498 25	\$10,290 05	\$10,290 05	\$ 387 19	\$ 69 00
2d Quarter	11,055 00	9,082 80	9,082 80	287 98	85 50
3d Quarter	12,482 00	7,484 50	7,484 50	377 62	49 00
4th Quarter	9,549 50	7,554 10	7,554 10	256 41	11 00
	\$45,584 75	\$34,811 45	\$34,811 45	\$1,809 15	\$214 50

"RECOVERED PROPERTY."

2 Slot Machines, 2 Bags Sugar, 1 Bicycle, 1 Rooster, 1 Purse, 1 Gold Watch, 1 Push-cart, 1 Lot Scrap Iron, 1 Bicycle, 1 Gold Watch, 6 Kegs Horse Shoes, 1 Diamond and Pearl Brooch, Cash \$6.45, 1 Bicycle, 1 Brass Clock, 1 Gold Watch, 1 Stick Pin, 1 Pair Gloves, 1 Gold Watch, 2 Pistols, 1 Monogram Pin, 1 Piece Canton Flannel, 1 Pair Shoes, 1 Bicycle, 1 Fox Terrier, 1 Boston Terrier, 1 Force Pump, 1 Clock, 1 Pair Pants, 1 Sack Sugar, 1 Coat, 2 Gold Watches, 1 Pistol, 20 Head Fowls, 6 Fancy Pigeons, 1 Bull Dog, 1 Neck Fur, 1 Lot Solder, 1 Marble Top Table, 1 Lot Brasses, 1 Gold Bracelet, 1 Ham, 2 Clocks, 1 Bicycle, 1 Pointer Dog, 1 Trunk and Contents, 4 Iron Gratings, 1 Silk Dress Pattern, 1 Muffler, 1 Deck Cards, Cash 7 cts, 1 Gold Ring, 1 Gold Necklace, 1 Bicycle, 1 Axe, 2 Gold Pins, 2 Pairs Cuff Buttons, 1 Umbrella, 1 Hat, 1 Pair Gloves, 1 Overcoat, 1 Trunk, 2 Die, Cash 10 cts, 1 Gun, 1 Pistol, 6 Chairs, 1 Watch, 1 Bicycle, 6 Plants, Cash 40 cts, 1 Setter Dog, 10 Fish Plates, 1 Bicycle, Cash \$1.05, 2 Dice, 1 Bicycle, 1 Lot Geraniums, 1 Gold Watch, 1 Umbrella, 1 Watch Fob, Cash \$1.45, 1 Gold Pin, 1 Neck Fur, 1 Pistol, 1 Hound Dog, 2 Dice, Cash \$4.66, 2 Slot Machines, 1 Pocket Book, 1 Parasol, 1 Silver Fruit Dish, 1 Bicycle, 1 Pistol, Cash 10 cts, 2 Dice, 1 Gold Chain Bracelet, 2 Bicycles, 1 Violin, 1 Jersey Cow, 1 Wrench, 1 Fox Terrier, 1 Ball and Bat, 1 Gold Watch, Cash 20 cts, 1 History, 1 Pair Pants, 1 Silver Butter Dish, 1 Berry Bowl, Cash \$42.34, 1 Pair Gold Buttons, 2 Boxes Tobacco, 1 Gold Ring, 1 Wagon License, 1 Bull Dog, 1 Pistol, Cash 80 cts, 1 Deck Cards, 1 Tricycle, 1 Bunch Keys, 1 Gold Watch, 1 Pistol, 2 Bicycles, 1 Horse and Harness, 1 Ladies' Hand Bag, 1 Gun, 1 Suit Case, 1 Bicycle, 1 Alarm Clock, 1 Raglan, 1 Pair Shoes, 1 Sheet, 1 Pair Pants, 1 Lot Neckwear, 1 Bicycle, 2 Slot Machines, Cash \$8.90, 1 Lot Geraniums, 1 Gold Watch, 1 Lot Silverware, 1 Bicycle, 1 Suit Clothes, 2 Slot Machines, Cash \$8.75, 1 Pair Shoes, 1 Gold Watch, Cash 11 cts, 1 Silver Watch, 1 Gold Pin, 1 Slot Machine, 1 Photograph Machine, 3 Silver Stands, 2 Fruit Baskets,

2 Bed Spreads, 1 Bicycle, 6 Gold Rings, 1 Roll Wire, 3 Slot Machines, 3 Base Ball Bats, 1 Cap, 1 Coat, 1 Gold Watch, 1 Pair Gold Eyeglasses, 12 Slot Machines, Cash \$8.95, 2 Lawn Mowers, 1 Can Gasoline, 1 Bicycle, 2 Checks, 1 Bag Vegetables, 2 Chickens, 2 Gold Neck Chains, Cash 33 cts, 4 Dice, 1 Watch, 1 Parasol, 1 Deck Cards, Cash 15 cts, 1 Watch and Fob, 1 Chest Tools, 1 Lot Clothing, 1 Purse, Cash \$12.00, 4 Pairs Shoes, 2 Slot Machines, 2 Pairs Pants, 2 Suit Cases, 1 Watch, Cash \$1.25, 2 Dice, 6 Spoons, 1 Umbrella, 3 Pairs Lace Curtains, 1 Parasol, 1 Moving Picture Film, 1 Gold Watch and Fob, Cash 27 cts, 1 Bicycle, 1 Lot Dress Goods, 1 Gold Watch, 1 Coat, 1 Bicycle, Cash 22 cts, 4 Dice, 1 Pair Pants, 1 Sheet, 1 Lot Lead, 1 Lot Bread Tickets, Cash \$40.50, 1 Table, 1 Chair, 2 Coats, 2 Hats, 2 Caps, 12 Dice, Cash \$3.60, 1 Slot Machine, Cash \$35.00, 1 Lot Clothing, 1 Pointer Dog, 8 Dice, 3 Decks Cards, 1 Slot Machine, Cash \$5.41, 1 Fox Terrier, 1 Bicycle, 1 Coat, 1 Hat, 1 Ring, 1 Package Paper, 4 Hats, 2 Bicycles, 1 Shirt Waist, 2 Boxes Cocaine, 1 Pair Gold Spectacles, 1 Ladies' Undervest and Pattern, 2 Dice, Cash 9 cts, 1 Coat, 4 Bicycles, 1 Gold Pin, 1 Pistol, 1 Diamond Ring, 1 Pin, 1 Bicycle, 1 Book, 1 Letter, 1 Slot Machine, Cash \$1.20, 1 Deck Cards, 3 Bicycles, 1 Push-cart, 3 Valises and Contents, 2 Knives, 2 Dice, Cash 70 cts, 1 Pair Shoes, 1 Watch and Fob, 1 Pair Shoes, Cash \$4.49, 1 Bicycle, 1 Rat Trap, 1 Lot Apples, 1 Marine Bicycle, 1 Pair Shoes, 2 Dice, 4 Hats, Cash \$2.20, 1 Chair, 1 Buggy Whip, 1 Watch Charm, 1 Watch, 6 Bicycles, 1 Tricycle, 2 Dice, Cash 39 cts, 1 Lot Herrings, 1 Lot Shoes, 1 Gold Watch and Chain, Cash 30 cts, 2 Dice, 1 Bicycle, 1 Dress Pattern, 1 Lot Lead, 1 Copper Propeller, 1 Automobile, 1 Gold Watch, 1 Fob, 1 Bicycle, 1 Pistol, 1 Raglan, 1 Bicycle, 1 Suit Clothes, Cash 10 cts, 2 Ry. Shoe Brakes, 1 Pointer Dog, 1 Purse, Cash 20 cts, 1 S and W. Pistol, 1 Hound Dog, 1 Setter Dog, 1 Pointer Dog, 1 Overcoat, 1 Lamp, 1 Watch, 1 Suit Case and Contents, Cash 11 cts, Cards and Dice, 1 Lottery Book and Drawings, 1 Bundle Clothing,

4 Heads Fowls, 1 Lot Lottery Tickets, 1 Goose, Cash 30 cts, 1 Silver Watch, 1 Grip and Contents, and 1 Bicycle.

In all, valued at \$7,626,29.

Still alarms of fire, 63.

Found open and secured, or owners or occupants notified, or watched by the police: 1 Fire Proof Building, 5 Show Houses, 2 Art Buildings, 65 Stores, 54 Offices, 6 Banks, 1 Pants Factory, 1 City Hall, 1 Church, 4 Public Halls, 1 Carbonating Co.'s Works, 1 Cleaning Works, 5 Barber Shops, 5 Meat Stalls, 1 Green Grocery, 1 Tailor Shop, 1 Public Stable, 1 Warehouse, 1 Restaurant, 1 Pressing Club, 1 Blacksmith Shop.

Taken up running at large and disposed of as per ordinances: 30 Horses, 14 Cows, 6 Mules, 2 Horses and 2 Buggies, 4 Horses and 4 Hacks, 5 Mules and 5 Wagons, 2 Horses and 2 Wagons, 63 Goats and 3 Sheep.

Shot at the request of owners: 21 Horses, 13 Mules, 1 Cow, and 189 Dogs.

I certify that the foregoing is a correct report, as per Recorder's Morning Reports.

Official,

CHAS. L. SHEPPARD,

Clerk of Police Dept.

W. A. BOYLE,

Chief of Police.

REPORT OF THE COMMISSIONERS FOR THE
MANAGEMENT, CARE AND CUSTODY
OF CONVICTS.

Charleston, S. C., January 1, 1910.

*To the Honorable the Mayor and City Council
of Charleston, S. C.*

Gentlemen:

I beg to submit the annual report of the commissioners for the management, care and custody of the convicts for the year ending December 31, 1909.

Number of prisoners received during the year was six hundred and ninety-six men, from the following sources:

Recorder's Court	615
Magistrates' Court	81
	<hr/>
Total	696
Divided as follows:	
White	79
Colored	617
	<hr/>
Total	696

The term of sentence varied from 5 to 90 days.

No females were received during the year.

The health of the prisoners has been good.

Average number of prisoners per day	37
Largest number any one day	80
Smallest number any one day	17
Average number sick per day	3

No prisoners died during the year.

One prisoner escaped, recaptured the same day.

LOCATION AND CHARACTER OF WORK.

JANUARY.

Unloading shell at Simons Street under instructions of Mr. Dingle, acting Supt. of Streets. Two gangs working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

FEBRUARY.

Unloading shell at Simons Street, under instructions of Mr. Dingle, acting Supt. of Streets. Two gangs working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

MARCH.

Unloading shell at Simons Street, etc. One gang working down Rutledge Ave., from Schutzenplatz Lane, cleaning ditches, etc., under Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park under instructions of Mr. Croghan, Supt. Parks.

APRIL.

Unloading shell to the 15th, also cleaning streets and ditches on Simons, Rutledge Ave., etc. One gang working on Sumter and Fishburne Streets, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Cannon Park and park in front of Roper Hospital, under instructions of Mr. Croghan, Supt. Parks.

MAY.

One gang grading Fishburne and Sumter Streets, etc., also one gang working up King Street, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

JUNE.

Sumter, Fishburne and Tracy Streets, grading and cleaning streets, also one gang working on north side of Calhoun, west of Rutledge Ave., under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

JULY.

Working north of Beaufain Street and west of Ashley Ave. to Calhoun Street, also cutting drain through the marsh at west end of Beaufain Street; working the north-western part of city, also up Meeting Street from Line, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

AUGUST.

Two gangs working down King Street and up Rutledge Ave., and all cross streets, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

SEPTEMBER.

Working all cross streets west of Rutledge Ave., from Grove Street down, also east of Rutledge Ave., west of King and north of Shepard Street, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

OCTOBER.

One gang working on Meeting Street road, and one gang unloading shell at West Point Mill, etc., under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

NOVEMBER.

Unloading shell at West Point Mill, etc., and one gang working up Meeting Street road, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

DECEMBER.

One gang working all cross streets, coming down Meeting and fixing Simons Street to haul shell out to Meeting. One gang working at foot of Calhoun Street, also on Fourth Street, spreading shell, under instructions of Mr. Dingle, acting Supt. Streets. One gang working in Hampton Park, under instructions of Mr. Croghan, Supt. Parks.

FINANCIAL STATEMENT.

Appropriation	\$4,900.00
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EXPENSES.

Salary Superintendent	\$ 960.00	
Salary Guards	2,938.79	
Salary Secretary ..	300.00	
Transportation food	240.00	
Clothing	250.00	
Shackles	55.00	
Galvanized closets	53.70	
Thread and buttons	9.75	
Belts	17.50	
Soap	19.00	
Hardware	17.90	
Printing	9.64	4,869.28
		<hr/>
Balance unexpended		30.72
		<hr/>
		\$4,900.00

Respectfully submitted,

JOHN F. RILEY,
Chairman.

REPORT OF CITY ENGINEER.

Charleston, S. C., January, 1, 1910.

*To the Honorable the Mayor and City Council,
Charleston, S. C.*

Gentlemen:

The following Annual Report of the City Engineer's Department for the year 1909, I have the honor to submit for your consideration, in accordance with Section 782, Revised Ordinances.

In connection with this report, your attention is directed to the reports on "Sewerage" and "Sewerage Extension" made to the Sewer Board, and on "Street Cleaning," "Scavenging" and "Highways" made to the Board of Public Works. These latter reports include a considerable portion of the work of the Engineer's Department, but it is not considered necessary to duplicate them here since they can be seen elsewhere.

The construction of the Sea Wall, from South Battery, at the foot of King Street, to Chisolm's Mill, at the west end of Tradd Street, has had our close attention, both in the preparation of plans and specifications and in the inspection of the work now in progress.

The street signs have been inspected from time to time and necessary repairs and renewals made. Acetylene gas generators, of which we have knowledge, have also been inspected as required by ordinance. The Union Station has been inspected at various times, as has also the Cooper River water front; reports on the latter having been made to the Dock Commission. Building plans and specifications have been examined, permits issued and construction inspected as required by the building code. Tests of paving, brick and cement, have been made for all public work.

The following tabulated statement shows the work done in preparation of data, profiles, estimates, etc., for curbs, sidewalks, roadways, drains, etc.:

STREET	Side	FROM	TO	Estimate Curb Sidewalk		Profiles Md. and Pgs Set	Finished Work Meas'd	
				Ft.	Sq. Yd.		Curb Ft.	Sidewalks, Sq. Yd.
Aiken	W.	Columbus	Hampden	160			158	158
America	E.	Hampden	Amherst	421			420	418
America	F.	Mary	Beaufort	390			387	388
Ashe	F.	Bogard	Line	436				
Ashley	W.	Calhoun	Bull	880			878	876
Ashley	B.	Bull	Beaufain	238			234	231
Ashton	B.	Norman	Chestnut	1690			1691	1686
Ann	S.	King	Meeting				625	401
Atlantic	B.	Church	Meeting	500	241			
Bay	E.	Columbus	South	1130			1118	1120
Bay	W.	Columbus	South	1130			1120	1120
Beaufain	S.	Rutledge	Wilson					596
Boyce Wharf	S.	East Bay	Eastward		110			
Broad	S.	Savage	Rutledge					697
Broad	N.	Legare	Logan					57
Broad	N.	Rutledge	Franklin					815
Broad	S.	Legare	King					16
Bull	S.	Ashley	Gadsden		172			170
Carolina	S.	Coming	Tracy	390			384	
Carolina	B.	Tracy	Perry	751			750	748
Chapel	S.	Alexander	Westward					207
Coming	W.	Carolina	Sumter	250			247	
Coming	E.	Shepard	Fishburne				243	
Concord	E.	Gaillard	Northward				57	36
Columbus	N.	King	Hanover					1110
Drake	W.	Mary	Chapel				582	
Duncan	B.	Pitt	Coming	900			898	
East Bay	E.	Y. Club					39	
Fishburne	S.	Perry	Tracy	372			370	369
Fishburne	S.	Perry	Rutledge	319			314	
Guignard	B.	Anson	East Bay	623			622	620
Hampden	S.	Hanover	E. Hampstead				651	
Hanover	W.	Columbus	Line				401	
Liberty	S.	King	St. Philip	296			289	421
Linguard	S.	Church	State	317				
Mary	N.	Nassau	Eastward	342			338	
Liberty	N.	King	Westward				117	62
Morris	S.	Rutledge	Coming				1537	486
Nassau	W.	Columbus	Northward					86
Nassau	W.	Cooper	Harris				966	
Nassau	W.	Columbus	Woolfe				603	
Nassau	W.	Woolfe	Reid				284	
Nassau	W.	Reid	Mary				475	
Nunan	B.	Ashley	Rutledge				900	900
Perry	E.	Carolina	Shepard	515			510	505
President	W.	Cannon	Southward				147	74
President	W.	Bee	Doughty				612	
Rutledge	W.	Sumter	Shepard				850	
Rutledge	E.	Sumter	Shepard	880			827	823
Shepard	S.	Coming	Ashe	487				
Shepard	N.	Perry	Tracy	376			374	370
Smith	B.	Vanderhorst	Warren				720	198
Smith	B.	Warren	Radcliffe				832	
Smith	E.	Calhoun	Vanderhorst				600	17
Smith	W.	Morris	Cannon				485	483
State	W.	Queen	Market	791	700		751	681
St. Philip	W.	Fishburne	Carolina				239	
Sumter	B.	Rutledge	King	2280			2275	2269
Tracy	B.	Shepard	Fishburne	516			510	506
Water	B.	Church	E. Battery		536			
Washington	F.	Laurens	North		186			
Wentworth	N.	King	Meeting					480
Lucas	B.	Calhoun	Mill				544	
Lucas	E.	Calhoun	Southward				183	100
Rutledge	E.	Broad	Beaufain					1088

ROADWAYS.

STREET	FROM	TO	Estimate Sq. Yds	Finished Work Sq. Yds
Ashley	Bull	Beaufain	4,180	4,177
Broad	New	King	.....	4,672
Broad	King	Court House	.....	1,457
Bay	Columbus	South	8,100	5,646
Cone	.....	.....	.....	88
King	Wentworth	Calhoun	4,100	4,080
King	Calhoun	Warren	4,900	4,860
Lucas	Calhoun	Mill	.....	1,156
Mary	Meeting	America	2,500	2,222
Morris	St. Philip	Coming	1,300	1,224
Reid	Meeting	Hanover	1,630	1,530
Rutledge	Spring	Shepard	5,500	5,412

DRAINS.

	Size.	Length.
Carolina Street, from King to St. Philip	12-in.	171 ft.
Carolina Street, from Rutledge to Perry	12-in.	311 ft.
Coming Street, from Sumter to Carolina	12-in.	287 ft.
Fishburne Street, from King to St. Philip	12-in.	253 ft.
Huger Street, between King and Rutledge	12-in.	555 ft.
Moultrie Street, from Rutledge westward	12-in.	244 ft.
Perry Street, from Carolina to Sumter	12-in.	283 ft.
Rutledge Avenue, from Sumter to Fishburne	18-in	592 ft.
St. Philip Street, from Carolina to Shepard	12-in.	580 ft.
Tracy Street, from Carolina to Sumter	12-in.	283 ft.

STREET LINES LOCATED.

Ashley Ave., W. S., Calhoun to Bull.
 Ashley Ave., B. S., Broad to Tradd.
 Beaufain, S. S., Gadsden to Barre.
 Broad, N. S., State to Church.
 Broad, S. S., Rutledge to Ashley.
 South Bay, N. S., west of Legare.
 Calhoun, S. S., Coming to College.
 Chinquapin, E. S., Cannon southward.
 Cannon, S. S., President to Chinquapin.
 College, W. S., Calhoun to Green.
 Concord, E. S., Market to Gaillard.
 Council, Tradd to Water.
 Charlotte, Washington to River.
 Church, W. S., Water to Atlantic.
 Fishburne, N. S., President to Ashley.
 Fishburne, S. S., Tracy to Perry.
 Green, N. S., College to Coming.
 Halsey, N. S., Ashley to Gadsden.

Huger, N. S., King to Rutledge.
 Legare, E. S., Queen to Broad.
 Legare, E. S., Tradd southward.
 Lucas, E. S., Calhoun to Mill.
 Market, S. S., East Bay to Concord.
 Meeting, E. S., Cumberland to Market.
 Meeting, E. S., Line to Shepard.
 Meeting, E. S., Columbus to Line.
 Perry, E. S., Sumter to Shepard.
 President, W. S., Bee to Doughty.
 Queen, S. S., between King and Legare.
 Rutledge, Tradd southward.
 Rutledge, E. S., Broad to Tradd.
 Rutledge, W. S., Bogard to Line.
 Savage, W. S., Broad to Tradd.
 Shepard, N. S., Tracy to Perry.
 Sumter, S. S., President to Ashley.
 Tradd, S. S., Legare eastward.
 Tradd, corner Savage.

SPECIAL SURVEYS.

Battery Boulevard.
 Lines for New Engine House, Huger Street, to correct mistake
 in location of building.
 Locating Roadway at Hampton Park.
 Locating Roadway at Chicora Park.
 Survey of Government Tract, Chicora Park.

In addition to the above there are numerous items which,
 although requiring time and attention, it would be imprac-
 ticable to set out in detail. These items include attendance
 at Committee Meetings, indexing and filing plats and
 records, blue printing, etc.

Below find statement of appropriation and expenditures:

APPROPRIATION.

Salary, City Engineer	\$2,500.00	
Salary Assistant City Engineer.....	1,000.00	
Salary 2nd Assistant City Engineer..	1,400.00	
Salary, Office Assistants	960.00	
Street Markers	140.00	
Office Supplies	400.00	
		<hr/>
		\$6,400.00

EXPENDITURES.

Salary, City Engineer	\$2,500.00	
Salary, Assistant City Engineer.....	1,400.00	
Salary, 2nd Assistant City Engineer..	1,000.00	
Salary, Office Assistants.....	960.00	
	<hr/>	
	\$5,860.00	
Telephone	25.20	
Drawing Material, Instruments, Stationery, Car Tickets, Stamps and Office Supplies	344.12	\$6,229.32
	<hr/>	
Balance.....		\$ 170.68

The following was expended on West End Improvement during 1909:

EXPENDITURES, WEST END IMPROVEMENT.

Consulting Engineer	\$ 1,100.00
Preliminary investigation, soundings, borings, test piles, etc...	1,619.81

LEGAL EXPENSES.

Recording Deeds	49.75
Option	1,500.00
Quit Claims	2,475.00

CONTRACT.

Paid on Sea Wall and drains.....	\$20,987.91	
Paid on filling	1,674.00	
	<hr/>	22,661.91
Deposited to guarantee salary U. S. Inspector on Dredge....	1,000.00	
Inspectors' salaries	1,254.00	
Boat for Inspectors	300.00	
Boat supplies	10.97	
Instruments and drawing material	96.33	

STATIONERY, PRINTING AND ADVERTISING.

Stationery	4.75
Printing specifications	42.75
Advertising bids	45.57
Stamps	10.00

MISCELLANEOUS.

Rent of office	22.50
Cartage .....	.95
	<hr/>
	\$32,194.29

Respectfully submitted,

J. H. DINGLE,
City Engineer.

The following is given as information:

	Sq. miles.
Area of high land	3.76
Area of marsh and flats	1.36
	<hr/>
Total area of city	5.12

MATERIAL OF ROADWAYS.

	Miles.
Asphalt	0.68
Granite block	17.14
Clay gravel	5.46
Macadam	4.56
Shell	2.03
Pyrites cinders .....	.08
Cobble	2.79
Vitrified brick	4.62
Unimproved	31.09
Total length streets, exclusive lanes and alleys.....	68.45

PUBLIC PARKS.

	Acres.
Chicora Park	318.10
Hampton Park	317.00
Colonial Lake, including Pond.....	9.29
White Point Gardens	6.88
Marion Square	5.73
Hampstead Mall	3.67
Cannon Park, including Auditorium	2.85
Wragg Mall	1.23
Wragg Square .....	.98
Washington Park .....	.94
Lucas Street Park .....	.50
Market Park .....	.30

Keystone Park10
---------------------	-----

DRAINS.

	Miles.
Tidal drains, 3: 5x5 $\frac{3}{4}$	5.51
Other brick drains, from 0.5 sq. ft. to 9 sq. ft.	18.03
Vitrified pipe, 24-inch	0.09
Vitrified pipe, 18-inch	4.12
Vitrified pipe, 15-inch	2.35
Vitrified pipe, 12-inch	30.53
Vitrified pipe, 10-inch	2.15
Vitrified pipe, 8-inch	2.34

ELECTRIC STREET RAILWAYS.

	Miles.
Double track	10.45
Single track	1.90
Total mileage, 10.45x2 plus 1.90	22.80

REPORT OF CITY ELECTRICIAN.

*To the Mayor and Aldermen of the City of
Charleston, S. C.*

Gentlemen:

I beg leave to submit for your consideration my fourteenth Annual Report, for the year 1909.

Twenty-nine (29) permits were issued to, and sixty-eight (68) poles set by the Charleston Consolidated Railway, Gas and Electric Company during the year.

The Charleston Consolidated Railway, Gas and Electric Company have done a great deal of repair work during the year, such as setting new poles and stringing new wires; they have also renewed some of their trolley wire, which was in very bad condition, but there is a great deal more to be renewed.

I would again call to your attention my recommendation of last year in regard to some step be taken to have the electric light and power wires placed underground, as same are very dangerous, and especially in case of high winds and storms.

Commencing the eleventh (11) year of Municipal Inspection. During the year there were issued 977 permits to do electrical construction; made 1,990 inspections, including old and new installations; issued 763 certificates, covering 7,196 incandescent lights, 31 alternating arc lights, 54 motors (equivalent to $327\frac{3}{8}$ horse power), 232 fans, 7 picture machines, 1 rectifier, 5 electric pianos, 1 meter loop, 5 special permits, 12 special permits for picture machines, 24 rewiring, 1 cash register (electric) and 8 spot lights.

UNDERGROUND SYSTEM.

There was no underground work done during the year 1909, and I would again recommend that the underground system of the fire and police alarm telegraph be continued during the year 1910 on the following streets: Rutledge

Avenue, from Line to Doughty Streets; East Bay Street, from Wentworth to Laurens Streets; Wentworth Street, from Meeting to East Bay Streets; Tradd Street, from Legare to Savage Streets. The conduits are already laid on the above named streets. I would also recommend that the underground system be laid on Legare Street, from Tradd to Queen Streets.

INSPECTION OF THEATRES.

Under the ordinance this department has visited every performance at the Academy of Music, and examined the electrical apparatus used in the building and found same in good condition.

There are now six (6) moving picture shows in existence.

The Academy of Music was leased to the Vincent Amusement Company during the summer months.

The Air Dome opened on the 7th of June and closed on the 25th of September.

The German Artillery Hall was leased for a theatre, but same ran for only a month and then closed.

LIGHTING THE CITY.

The streets of the city are now lighted with 248 arc lights of 1,200 (normal) candle power, 587 gas lights of 60 (normal) candle power, 11-32 candle power series incandescent lights.

During the month of January one (1) gas light was put into service; February, two (2) gas lights; June, one (1) gas light; September, one (1) gas light; November, three (3) gas lights.

May, one (1) arc light. During the month of May we discontinued four (4) gas lights on the Colonial Lake.

STATEMENT OF LIGHTING ACCOUNT.

Arc lights	\$ 17,416.73
Deduction per Police Reports	129.87
Amount paid	<u>\$ 17,286.86</u>

Gas lights	\$ 14,464.84
Deduction per Police Reports	26.74
Amount paid	\$ 14,438.10
Miscellaneous bills	\$.25
Special lighting for King Street arches.....	1,779.92
Total amount paid for lighting the city.....	33,505.13

Paid to the Treasury Department in the year 1909, \$79.60, the amount to income lighting; that, with \$74.79, makes a total of \$154.39, amount left over for the year 1909.

The storm of August 16, 1909, at 4 P. M., blew down all the fire, police and water works' line, on Romney Street, from Meeting to King Streets.

Police alarm wires on Meeting Street, from Romney to the city boundary, and the water works' line, on Meeting Street road, from the city boundary to the Three (3) Mile House.

The above lines were temporarily rebuilt the next day. They were permanently put back during the months of November and December, 1909.

The fire alarm telegraph has been extended from the Fire Department Headquarters to the Charleston Light and Water Company's pumping station, at Saxon, S. C. This line is built of No. 10 B. W. G. triple braid galvanized iron wire, and same is fourteen (14) miles.

The line completed, including instruments, batteries, switchboard, etc., cost \$1,741.25: of which the City of Charleston, S. C., paid \$870.62, and the Charleston Light and Water Company paid \$870.63. The maintenance of this line has been \$32.26 since same was completed, on the 2d day of June, 1909, at 12:15 P. M.

POLICE ALARM TELEGRAPH

Has been giving perfect satisfaction during the year. The old four (4) pen-ink register was changed to a four (4) pen cutting register, and same is giving satisfaction.

I would recommend that at least three (3) police alarm

boxes be put up during the year 1910. I would also recommend that boxes Nos. 45, 51 and 54 be transferred from the third (3) circuit to the first (1) circuit, on account of the third (3) circuit being overloaded.

I would recommend that the reserve four (4) pen-ink register be changed to a four (4) pen cutting register.

COST OF MAINTAINING SYSTEM DURING THE YEAR.

Supplies	\$ 441.40
Labor	257.75
	<hr/>
Total	\$ 699.15
Balance to income account	\$.85

Calls sent in over the system:

Telephone calls	86,426
Wagon calls	1,740
	<hr/>
Total calls for the year	88,166

Before closing my report I would like to state that Mr. M. J. Hanley, Assistant City Electrician, has been a great assistance to the department, and especially in facilitating the work of Municipal Inspection.

Very respectfully submitted,

I'ON SIMONS,

City Electrician.

Report found correct.

F. C. PETERS, *Chairman,*

Committee on Electric Wires.

January 13, 1910.

REPORT OF THE BOARD OF FIRE-MASTERS.

Office of Board of Fire-Masters,
Charleston, S. C., January 1st, 1910.

To the Honorable the Mayor and City Council
of Charleston, S. C.:

The Board of Fire-Masters respectfully submits the operation of this Department for the year 1909, and its condition at this date, as contained in the annexed statements:

The Force of the Department.

Capacity and Make of Steamers.

Condensed Expenses.

Summary of Expenses by Companies.

Inventory of Property and Location of Same.

Inventory of Property Controlled by the Board of Fire-Masters, with Value of Same.

Amounts Drawn from City Treasurer from 1st January, 1882, to 31st December, 1909, and Actual Cost of maintaining the Department for Twenty-eight Years.

Record of Fires.

Comparative Statement of Property at Risk, Insurance and Loss.

Report of Chief to the Board.

Report of Superintendent Fire Alarm Telegraph to the Board.

Report of Superintendent of Horses to the Board.

Report of Treasurer of the Pension Fund.

FRANCIS S. RODGERS,
Chairman Board Fire-Masters.

THE FORCE OF THE DEPARTMENT DECEMBER 31, 1909.

100 Officers and Men.
 11 Steam Fire Engines.
 1 Double 80-Gallon Chemical Engine.
 12,450 Feet Serviceable 2 1-2-inch Hose.
 600 Feet Serviceable 1 1-2-inch Hose.
 800 Feet Chemical Hose.
 2 Fuel Wagons.
 3 Carts.
 7 Hose Wagons.
 1 Combination Hose Wagon.
 4 Hose Carriages.
 1 Aerial Truck and Equipment.
 1 Truck and Equipment.
 1 Automobile.
 1 Buggy.
 30 Horses.
 3 Alarm Bells, 117 Fire Alarm Boxes and complete system of
 Fire Alarm Telegraph.

**CONDENSED EXPENSES OF THE FIRE DEPARTMENT FROM
 JANUARY 1ST TO DECEMBER 31ST, 1909.**

Pay Roll	\$43,780.00
Forage	3,534.96
Grass	27.72
Salt	1.35
Coal and Wood	614.62
Renewals:—	
Oil, Waste and Engine Supplies	\$ 620.71
Repairs to Apparatus	1,125.43
Repairs to Heaters	95.01
Repairs to Harness	215.97
Repairs to Houses	846.42
	<hr/> 2,903.54
Horses	850.00
Horse Shoeing	323.11
Drugs	100.00
Printing and Stationery	229.58
Typewriter, Stamps, Insurance	150.90
Telephones	340.20
Telegraph Clock	12.00
Hose and Suctions	2,545.14

Fire Department.

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Gas and Current for Fire Alarm Telegraph....	557.44
Combination Hose Wagon.....	\$1,500.00
Wire, Poles, Labor, Fire Alarm Boxes, extending Line	764.46
	<hr/> 2,264.46
Storage Battery	540.38
Circuit Repeater	1,275.00
Ice for All Stations	54.60
Shirts for Members	200.00
Sheets, Quilts, Pillow Cases	109.30
Chief's Expenses to Convention, Grand Rapids, Mich	84.70
Sawdust	1.00
	<hr/> \$60,500.00
Land for Engine House.....	\$1,500.00
Recording Titles Engine House	2.75
	<hr/> 1,502.75
Erection of Engine House	\$6,950.65
Hinges Engine House	19.50
Stable Fittings	195.18
Architect for Plans Engine House	375.23
	<hr/> 7,540.56
Heater and Connections	183.48
Gong and Indicator	225.00
Cut Loose for Doors and Horses	25.00
Sliding Brass Pole and Fixtures	98.21
	<hr/> \$ 9,575.00
General Expenses	60,500.00
New Engine House	9,575.00
	<hr/> \$70,075.00
Total	

MAKERS AND CAPACITY OF STEAMERS.

Steamer No. 1.—Second size Silsby, Rotary, capacity 800 gallons per minute, built by Silsby Manufacturing Co., Seneca Falls, N. Y., in 1888. Rebuilt by American-La France Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, September, 1904. Weight, loaded, and with 3 men, 8,510 pounds. In service with Engine No. 4.

Steamer No. 2.—Third size Amoskeag, double pumps, capacity, 600 gallons per minute, built by Manchester Locomotive Works, Manchester, N. H., in 1868. Rebuilt by the same company in January, 1893. Weight, loaded, and with three men, 7,580 pounds. In reserve with Engine Company No. 2.

Steamer No. 3.—Fourth size Clapp & Jones, single pump, capacity, 350 gallons per minute, built by Clapp & Jones, Hudson, N. Y., in 1883. Rebuilt by La France Fire Engine Co., Elmira, N. Y., in November, 1893. Weight, when loaded, and with three men, 7,110 pounds. In service with Combination Company No. 3.

Steamer No. 4.—Third size Silsby, Rotary, capacity, 600 gallons per minute, built by Silsby Manufacturing Co., Seneca Falls, N. Y., March, 1895. Rebuilt with new Fox water tube boiler, August, 1905. Weight, when loaded, with three men, 7,800 pounds. In service with Engine Company No. 2.

Steamer No. 5.—Second size Clapp & Jones, double pumps, capacity 600 gallons per minute, built by Clapp & Jones, Hudson, N. Y., January, 1884. Rebuilt with new Fox water tube boiler, August, 1905. Weight, when loaded with three men, 8,300 pounds. In service with Engine Company No. 6.

Steamer No. 6.—Second size Clapp & Jones, double pumps, capacity, 600 gallons per minute, built by Clapp & Jones, Hudson, N. Y., January, 1884. Rebuilt by Nott Fire Engine Company, Minneapolis, Minn., with water tube boiler, in February, 1903. Weight, loaded, with 3 men, 8,430 pounds. In reserve with Engine Company No. 6.

Steamer No. 7.—Second size Silsby, Rotary, capacity, 800 gallons per minute, built by Silsby Manufacturing Co., Seneca Falls, N. Y., May, 1890. Rebuilt by American-La France Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, in September, 1904. Weight, loaded, with 3 men, 8,740 pounds. In service with Engine Company No. 7.

Steamer No. 8.—Second size Amoskeag, double pumps, capacity, 700 gallons per minute, built by Manchester Locomotive Works, Manchester, N. H., in 1870. Rebuilt by American Fire Engine Co., Cincinnati, O., with Fox water tube boiler, in August, 1900. Weight, loaded, and with 3 men, 8,760 pounds. In reserve with Engine Company No. 4.

Steamer No. 9.—Second size Metropolitan, double pumps, capacity, 750 gallons per minute, built by American Fire Engine Co., Seneca Falls, N. Y., with Fox water tube boiler, in September, 1903. Weight, loaded, and with three men, 9,315 pounds. In service with Engine Company No. 5.

Steamer No. 10.—Second size Metropolitan, double pumps, capacity 750 gallons per minute, built by American Fire Engine Co., Seneca

Falls, N. Y., with Fox water tube boiler, in May, 1907. Weight, loaded, with 3 men, 9,300 pounds. In service with Engine Company No. 1.

Steamer No. 11.—Fourth size Harp Tank Amoskeag, single pumps, capacity, 350 gallons per minute, built by Manchester Locomotive Works, Manchester, N. H., in 1870. Rebuilt by same company in January, 1893. Weight, loaded, with 3 men, 5,485 pounds. In reserve with Engine Company No. 5.

**INVENTORY OF PROPERTY ON HAND DECEMBER 31ST, 1909,
AND VALUE OF SAME.**

AMOUNTS DRAWN FROM CITY TREASURER FROM JANUARY
1ST, 1882, TO DECEMBER 31ST, 1909.

Real Estate received from the city, without charge..	\$10,000.00
During the year 1882.....	\$92,000.00
" " 1883.....	59,115.23
" " 1884.....	51,008.82
" " 1885.....	43,319.90
" " 1886.....	43,311.43
" " 1887.....	44,000.00
" " 1888.....	82,000.00
" " 1889.....	43,968.16
" " 1890.....	47,659.91
" " 1891.....	43,845.19
" " 1892.....	47,005.53
" " 1893.....	48,500.00
" " 1894.....	46,500.00
" " 1895.....	49,845.25
" " 1896.....	44,964.14
" " 1897.....	49,939.03
" " 1898.....	47,900.00
" " 1899.....	48,100.00
" " 1900.....	52,500.00
" " 1901.....	50,839.20
" " 1902.....	57,445.00
" " 1903.....	52,600.00
" " 1904.....	52,000.00
" " 1905.....	54,000.00
" " 1906.....	52,000.00
" " 1907.....	60,500.00
" " 1908.....	59,000.00
" " 1909.....	70,075.00
	<hr/> \$1,493,941.79
Total amount	\$1,503,941.79
Deduct Property on hand as per Inventory....	152,630.00
	<hr/>
Leaves balance of	\$1,351,311.79
Being actual cost of maintaining the Department for 28 years, or an expense of \$47,903.99 per annum.	
Amount drawn from City Treasurer, 1909.....	\$70,075.00
Amount paid to City Treasurer, in accordance with City Ordinances, requiring proceeds from sale of Horses, Hose, etc.	205.00

COMPARATIVE STATEMENT OF PROPERTY AT RISK,
INSURANCE AND LOSS.

YEAR	NO. OF ALARMS	PROPERTY AT RISK	INSURANCE	LOSS ON REAL ESTATE	LOSS ON PERSONAL PROPERTY	TOTAL LOSS
1882	34	\$ 293,500 00	106,205 00	\$ 12,539 09	\$ 20,087 52	\$ 32,026 61
1883	72	1,228,885 41	1,112,306 00	50,261 19	243,699 11	293,960 30
1884	43	412,168 00	306,238 54	31,665 00	70,494 98	102,159 98
1885	50	394,802 14	251,100 00	5,103 80	22,359 79	27,463 59
1886	57	431,774 43	356,024 43	46,325 55	62,216 09	108,541 04
1887	43	1,191,577 00	1,125,025 00	5,081 00	42,455 17	47,536 17
1888	35	1,256,991 88	1,241,685 00	17,127 00	86,042 88	103,169 88
1889	52	941,975 00	898,655 00	17,413 00	50,475 00	67,888 00
1890	38	521,275 00	341,850 00	16,431 00	31,123 00	47,556 00
1891	54	1,549,725 00	1,320,350 00	12,086 50	27,928 17	40,014 67
1892	66	390,887 00	243,262 00	42,102 40	20,989 25	63,091 65
1893	50	1,306,406 79	1,148,958 49	21,336 41	119,064 73	140,421 14
1894	81	499,942 00	287,540 00	35,264 20	31,184 50	66,449 70
1895	80	811,561 12	568,321 12	14,909 20	16,896 77	31,804 97
1896	81	387,590 51	212,442 51	11,318 85	25,001 60	36,320 45
1897	79	1,271,817 00	903,900 00	9,284 00	11,982 33	21,266 33
1898	121	784,111 00	514,975 00	14,788 80	17,685 87	32,484 67
1899	94	456,500 00	320,750 00	17,749 21	11,826 50	29,575 71
1900	118	371,360 00	213,700 00	11,237 70	6,355 17	17,592 87
1901	151	1,025,122 42	260,425 00	33,199 49	33,610 86	66,810 35
1902	145	663,020 00	412,325 00	18,998 43	13,381 77	32,380 20
1903	189	579,706 00	293,755 00	13,065 75	15,784 60	28,850 35
1904	183	994,365 00	559,400 00	11,535 29	35,686 83	47,222 12
1905	186	1,502,015 59	1,226,250 00	16,744 40	24,425 86	41,170 26
1906	181	475,416 94	264,975 00	12,999 78	5,099 73	18,099 51
1907	204	1,028,600 51	671,947 10	26,385 80	50,415 53	76,801 43
1908	185	584,823 60	349,432 65	25,760 96	31,413 43	57,174 39
1909	233	1,556,788 58	727,415 00	18,582 17	30,661 79	49,243 96
		\$ 22,908,073 87	\$ 16,218,156 84	\$ 569,296 53	\$ 1,158,380 33	\$ 1,727,676 40

AVERAGE FOR 28 YEARS.

Property at Risk	\$ 817,966.92
Insurance	579,219.88
Loss on Real Estate	20,332.01
Loss on Personal Property	41,386.79
Average Loss per Annum	\$ 61,718.80

REPORT OF CHIEF OF FIRE DEPARTMENT TO THE BOARD.

Charleston, S. C., January 1, 1910.

To the Chairman and Board of Fire-Masters:

Gentlemen:—I herewith tender my annual report, on the work of the Fire Department, for the year ending December 31, 1909, this being my fourth, and the twenty-eighth annual report since the organization of the paid Fire Department.

In it are given as complete as possible a detailed record of the operations of the Department for the past year, and the usual statistical tables, and general information relative to the Department, of interest to your honorable body and the public.

ALARMS.

During the year the Department responded to 233 alarms. This exceeds the number that has occurred in the City in any one year in the history of the Department, being 29 more than in 1907, which, up to the present year, held the record.

One of these alarms was a call for assistance outside of the City, and was promptly answered by men and apparatus.

Twelve false alarms were turned in by mischievous persons.

The figures for the year for losses and insurance and value of buildings, and contents, as nearly as could be procured, are as follows:

VALUE OF PROPERTY AT RISK.

Buildings	\$ 669,740.00
Contents	886,048.53

Total value of Property at Risk	\$1,555,788.53
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INSURANCE.

Insurance on Buildings	\$ 462,625.00
Insurance on Contents	264,790.00

Total Insurance Involved	\$ 727,415.00
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INSURED LOSS.

Loss on Buildings	\$ 17,456.17
Loss on Contents	28,924.89

Total Insurance Loss	\$ 46,381.06
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UNINSURED LOSS.

Loss on Buildings	\$ 1,166.00
Loss on Contents	1,696.90

Total Uninsured Loss	\$ 2,862.90
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LOSS—INSURED AND UNINSURED.

Loss on Buildings	\$ 18,582.17
Loss on Contents	30,661.79

Total Loss for Year\$ 49,243.96

Among the year's most notable fires the following may be enumerated:

1st, February 18th, Box 436, at 5:02 A. M.

The A. A. Hirsch Shoe Store, and the Cowperthwait Co., Furniture Store, Nos. 281 and 283 King street. Loss, \$18,575.34.

2nd, July 26, Box 535, at 11:56 P. M.

The H. L. Willensky Clothing Store, No. 493 King street. Loss, \$6,500.00.

3rd, December 10, Box 454, at 8:45 P. M.

The A. McL. Martin Hardware Store and the R. G. Rhodes & Son Furniture Store, Nos. 361-363 King street. Loss, \$10,516.95.

The total loss of these three fires aggregated \$35,592.29, leaving a balance of loss on all other fires of only \$13,651.67.

DEPARTMENT BUILDINGS.

Needed repairs and improvements have been made at the various fire stations as follows:

Engine No. 5, new sliding doors. Engine No. 6, extension of house. Truck No. 1, new sills and lining second floor. Upon completion of the Huger Street Engine House, the Fire Department Stations will be in fairly good condition, and very little repairs will be necessary during the year of 1910.

APPARATUS.

The apparatus of the Department has been carefully attended to, and kept in the best condition possible, through long and active service. Several Engines should be replaced with new and up-to-date Engines. Two Engine Heaters which have been in service for over twenty-seven years are beginning to give out, and should be renewed.

HORSES.

Thirty horses are in service, three young horses having been bought, and one old horse given in exchange as part payment. One died during the year.

The horses of the Department average well, but a few that have seen years of service should be replaced with young and first-class animals.

HARNESSES.

The harness in use in the Department at the present time is in good condition.

HOSE.

The total number of feet of hose in the Department at the present time is as follows:

Serviceable 2 1/2-inch cotton hose	12,450 feet.
Serviceable 1 1/2-inch rubber hose	600 feet.
Serviceable 1-inch rubber chemical hose	800 feet.

During the year there has been purchased 4,000 feet of 2 1/2-inch cotton hose.

All hose which has been in use over three years has been tested as usual to 175 pounds' pressure. This system has proved very effective in eliminating the bursting of hose at critical times, and is, therefore, to be considered as one of the many aids by which the fire loss was kept within the stated limits.

With the new hose which will be purchased this year the supply of the Department should prove ample.

FIRE ALARM TELEGRAPH.

This branch of the Department is very important, and I can say there is no Department in the country whose service is better looked after than ours.

During the past year we renewed about six miles of old wire, and extended the line, added new eight-circuit Repeater, new Batteries, and Boxes Nos. 725, 733, 86, 814, 821 and 822.

TRAINING SCHOOL.

The general course of drills and practice, under the supervision of Assistant Chief Morris, consisting of coupling hose, climbing and handling Pomper and other ladders, etc., has been kept up in the usual manner during the summer months. I hardly think it necessary to go into any further details of this work, as those who have watched the progress of this branch of the service will no doubt readily vouch for the results accomplished.

THEATERS AND PLACES OF AMUSEMENT.

During the past year there has been in attendance at all performances given at the Opera House a detail of firemen, as required by the City Ordinances, whose duty it was to look after the fire risks

of the building and for the safety of the public. Inspections are also made frequently of the smaller play houses in the City.

IMPROVEMENTS.

The following is a list of the principal improvements and additional property added to this Department during the year:

One additional Fire Station has been provided for, located on Huger Street. The building is a two-story brick, with all modern improvements, and is to be equipped with one Steam Fire Engine and Hose Wagon, and manned with eight permanent men, and known as Engine No. 8. One Seagrave Combination Hose and Chemical Wagon, 4,000 feet 2 1-2-inch cotton fire hose, 2 suction hose, 3 horses.

The Fire Alarm System has been generally overhauled and extended, new eight-circuit Repeater, new batteries, and six additional Boxes being added.

WATER MAINS.

The water service for fire purposes in the northern, eastern and western sections of the City has been greatly improved.

The report from the Water Department for the year 1909 shows the water supply increased by the addition of five new Hydrants and an eight-inch main laid in Huger Street.

Mains have been authorized and hydrants directed set on same, as will be directed as follows:

Vendue Range—East Bay Street to Concord Street: 8-inch main.
Gillon Street—East Bay Street to Concord Street, 8-inch main.
Tradd Street—East Bay Street to Concord Street: 8-inch main.
Wharf Street—Inspection Street to Laurens Street: 6-inch main.
Society Street—East Bay Street to Concord Street: 8-inch main.
Gadsden Street—Wentworth Street to Bull Street: 6-inch main.
Bull Street—Gadsden Street to Ashley Avenue: 6-inch main.
Ashley Avenue—Bull Street to Calhoun Street: 6-inch main.
Lucas Street—Calhoun Street, 500 feet, south, 6-inch main.
Centre Street—Meeting Street to Hanover Street: 6-inch main.
Hanover Street—Centre Street, 100 feet north: 6-inch main.
Hanover Street—Centre Street, 200 feet south: 6-inch main.
Charlotte Street—Washington Street, east: 6-inch main.
Calhoun Street—Lucas Street to Fourth Street: 6-inch main.
Fourth Street—Calhoun Street to line of West Point Mill Co.: 6-inch main.

DISCIPLINE.

It is gratifying to state that the discipline of the Department has been maintained to a very satisfactory degree, and the officers and members of the Department deserve much credit for their promptness in responding to alarms, and in the general performance of their duties.

FIRE DUTIES PERFORMED BY COMPANIES.

	TIME ON DUTY		ENGINE WORKED		LINES HOSE LAID	NO. OF FEET HOSE LAID	NO. OF FIRES ATTENDED	SECTION HOSE HURSTED	EXTINGUISHERS USED	FEET LADDERS RAISED	HOVES USED	AXES USED	BUCKETS USED	TANKS USED
	HRS.	MIN.	HRS.	MIN.										
Chief's Auto. ....	...	...	...	...	...	...	179	...	47	...	...	85	...	...
Engine No. 1.	64	19	5	30	18	7,000	42	1	2	30	...	1	...	...
Engine No. 2.	64	07	6	45	26	11,600	72	2	1	...	...	1	...	...
Chemical Engine..	77	54	...	...	...	5,600	162	2	33	434	26	17	...	33
Aerial Truck.	14	25	...	...	...	...	40	...	...	267	7	6	...	...
Engine No. 4.	63	00	8	14	26	8,150	44	1	...	...	...	...	...	...
Engine No. 5.	55	45	4	00	18	6,700	37	...	...	...	...	...	...	...
Engine No. 6.	76	28	8	43	42	16,600	117	8	34	1,172	3	21	...	2
Engine No. 7.	54	14	12	14	42	16,150	73	1	12	...	...	...	...	...
Truck No. 1.	79	06	...	...	...	...	116	...	26	2,846	169	165	33	...
Total	549	16	45	26	172	71,800	*	10	155	4,749	206	236	33	35

Working time of Steamers, 45 hours, 26 minutes. Estimated number gallons water used, averaging 250 gallons per minute, with 1 1-8-inch nozzle, 681,500 gallons.

*Fire Alarms, 233.

Chemical Engine, 35 Tanks.

Three-gallon Extinguishers, 150 charges

Six-gallon Extinguishers, 5 charges.

**QUICKEST TIME FOR FULL COMPANIES OF TWELVE MEN
EACH, TO ANSWER ROLL CALL AT FIRES
OR ALARMS FROM FIRST STROKE
OF GONGS.**

Day Time, from 6 A. M. to 6 P. M.

Engine 1.—May 23, box 165, at 4:13 p. m., 5 minutes.
Engine 2.—January 30, box 71, at 8:01 a. m., 10 minutes.
Engine 3.—January 21, box 151, at 1:16 p. m., 7 minutes.
Engine 4.—January 30, box 71, at 4:12 p. m., 10 minutes.
Engine 5.—December 26, box 55, at 12:21 p. m., 9 minutes.
Engine 6.—January 27, box 351, at 4:55 p. m., 13 minutes.
Engine 7.—January 29, box 624, at 11:11 a. m., 7 minutes.
Truck 1.—January 30, box 542, at 3:20 p. m., 9 minutes.

Night Time, from 6 P. M. to 6 A. M.

Engine 1.—January 8, box 343, at 7:33 p. m., 10 minutes.
Engine 2.—February 10, box 526, at 7:19 p. m., 8 minutes.
Engine 3.—April 22, box 154, at 7:26 p. m., 9 minutes.
Engine 4.—April 4, box 523, at 7:53 p. m., 7 minutes.
Engine 5.—February 19, box 513, at 7:34 p. m., 7 minutes.
Engine 6.—February 12, box 85, at 11:32 p. m., 8 minutes.
Engine 7.—March 13, box 525, at 8:13 p. m., 8 minutes.
Truck 1.—January 8, box 343, at 7:33 p. m., 8 minutes.
Average time of Engines having streams on fire, five minutes.

RESIGNATIONS.

March 5.—Callman E. Jones, of Engine Co. No. 7.
September 15.—Callman J. Jones, of Engine Co. No. 1.
December 1.—Callman D. Melfi, of Combination Co. No. 3.

APPOINTMENTS.

April 7.—J. H. Sawadske, Jr., to Callman, Engine Co. No. 5.
December 1.—M. Weinges, to Callman, Engine Co. No. 7.
December 1.—H. Graham, to Callman, Engine Co. No. 4.
December 1.—E. Corcoran, to Callman, Engine Co. No. 1.

DEATHS.

February 4.—Callman J. T. Keckley, Engine Co. No. 4.
September 26.—Assistant Engineer G. F. Rose, Engine Co. No. 4.

CASUALTIES TO FIREMEN WHILE IN THE PERFORMANCE OF THEIR DUTY.

January 8.—Box 812, Callman J. A. Young, Engine No. 6. Both hands burnt. Remained on duty.

March 17.—Box 55, Foreman A. Axson and Driver W. Brown, Engine No. 6. Thrown from Hose Wagon; slightly injured. Remained on duty.

July 26.—Box 535, Callman J. R. Lewis, Engine No. 7. Cut in face by falling glass. Remained on duty.

September 11.—Box 814, Substitute Callman T. Jones, Engine No. 1. Falling off trolley car responding to alarm; badly bruised. Off duty three days.

November 5.—Box 615, Helper Geo. Ritter, Truck No. 1. Struck on head by falling timber; slightly injured. Remained on duty.

December 15.—Box 413, Driver D. Bowman, Engine No. 5. Thrown from his seat on Engine, while responding to alarm; sustained severe bruises and nervous shock. Off duty 16 days.

CASUALTIES TO CITIZENS.

February 20.—Box 84, No. 35 1-2 Cannon Street. Three colored children rescued from building, but died shortly afterward from effects of smoke.

May 23.—Box 77, No. 16 Reid Street. Edward Fields, colored porter, badly burnt at fire; died from the effects next day.

September 11.—Box 814, Naphtha Launch Elvira, Gadsden's Creek. D. E. Likes, Engineer, badly burnt about face, hands and body from gasoline explosion.

November 6.—Box 615. No. 5 Duncan Street. Rachel Le. Bates, colored, found dead from the effects of burns and suffocation.

December 28.—Box 812.—No. 16 Norman Street. Ida Harris, colored. Clothes taken fire; badly burnt, and died from the effects the following morning.

BUILDING INSPECTIONS.

203 recommendations for permits were given.

The Chimneys and Hearths in 102 buildings were inspected.

28 complaints about stovepipes were attended to, and owners or tenants instructed how to comply with ordinances.

GENERAL REMARKS AND RECOMMENDATIONS.

I beg leave to present the following recommendations to your honorable Board for your consideration:

First. That a first size Motor Fire Engine be purchased and placed at the Central Fire Station, and the present Engine of

Engine Company No. 2 be transferred to house of Engine Company No. 8, Huger Street.

This motor propelled fire apparatus is no longer in the experimental stage; it is more economical than horse-drawn apparatus, as has been clearly demonstrated by the experience of other Departments, the officials of which are practically unanimous in advocating the adoption of this improved type of fire engine.

Second. I would earnestly recommend that you arrange in the near future a plan by which we may reduce at least a portion of the call firemen, and increase the permanent force by two men to each Engine and Truck Companies. This would give us a fair working force in the early stages of a fire, when it counts the most.

Third. That you petition City Council in the matter of having more Hydrants placed in the business section of our City, as there are a great many blocks having only one, either in the middle or on the corner, necessitating very long stretches and preventing some Companies at times from stretching in a second line.

Fourth. The four-inch pipe in Hasell Street, from King to Meeting, the four-inch pipe in Hasell Street, from East Bay to Concord Street, the four-inch pipe in Water Street, from Meeting to East Bay, the four-inch pipe in Ladson Street, from King to Meeting, the four-inch pipe in Friend Street, from Tradd to Broad street, the four-inch pipe in Bee street, from Ashley Avenue to President Street, all of th's four-inch pipe should be replaced by eight-inch pipe, and further the main in Bee Street should be connected with the main in Spring Street by means of an eight-inch main through President Street.

In concluding this report I wish to acknowledge my thanks to Foreman S. L. Welsh, and the linemen of the Consolidated Company, for their promptness in responding to alarms, and giving us all desired assistance.

I also desire to thank Chief W. A. Boyle, of the Police Department, his officers and men, for their very efficient help given this Department during the year. I desire to express my thanks to all officers and men of the Department for the able and efficient manner in which they have done their work, and the personal interest they have displayed under all circumstances to protect the City against losses by fire.

To the citizens, and the local representatives of the insurance companies, I wish to extend my thanks for the information received relative to the amount of insurance paid on losses at fires, thus enabling me to compile my report; also to the members of other Departments who have been in touch with this Department I desire to give my thanks for courtesies shown.

To the Chairman and members of the Board I beg to express my

thanks for the continued confidence placed in me, and for their interest taken in all matters pertaining to the Department, especially for their willingness and readiness to do any act in their power to better the condition of the men and the Department in general.

Respectfully submitted,

L. BEHRENS,
Chief of Fire Department.

RECORD OF ATTENDANCE AT BELL ALARMS.

Chief, leave of absence 1, attended 103.

Assistant Chief, sick 2, attended 102.

Chief's Driver, sick 3, attended 101.

Supply Wagon Driver, attended 104.

ENGINE Co. No. 1, PERMANENT FORCE.

Engineer B. E. Bicaise, sick 1, attended 103.

Assistant Engineer T. E. Watson, did not hear 1, attended 103.

Driver C. Brown, did not hear 1, attended 103.

Driver J. Gibbs, attended 104.

Helper J. Ladson, attended 104.

CALL FORCE.

Foreman H. D. Rambke, leave of absence 1, sick 5, attended 98.

Callman E. Corcoran, did not hear 1, sick 2, attended 101.

Callman W. A. Brandes, did not hear 4, attended 100.

Callman J. J. Farrell, did not hear —, leave of absence —, attended 98.

O. R. I. Vicadomini, did not hear 3, leave of absence 2, sick 9, attended 90.

Callman J. Fitzgerald, did not hear 1, leave of absence 1, attended 102.

Callman T. K. Jervy, attended 104.

Company attendance, 97 3-4 per cent.

ENGINE Co. No. 2, PERMANENT FORCE.

Engineer E. A. Lloyd, did not hear 1, sick 1, attended 102.

Assistant Engineer J. M. Maguire, did not hear 1, leave of absence 1, attended 102.

Driver W. Webb, did not hear 2, attended 102.

Driver B. Lawrence, did not hear 1, attended 103.

Helper J. Simmons, leave of absence 1, attended 103.

CALL FORCE.

Foreman E. J. Lacassagne, attended 104.

Callman A. W. Rose, attended 104.

Callman M. Barry, sick 1, attended 103.

Callman G. F. Fosberry, leave of absence 2, sick 4, attended 98.

Callman E. M. Droze, Jr., did not hear —, leave of absence —, attended 102.

Callman J. Moore, did not hear 2, attended 102.

Callman P. Lynch, attended 104.

Company attendance, 98 1-2 per cent.

COMBINATION Co. No. 3, PERMANENT FORCE.

Foreman G. Moore, sick 1, attended 103.

Tillerman A. Meyers, did not hear 3, attended 101.

Tillerman J. Bennett, did not hear 3, leave of absence 1 attended 100.

Tillerman M. Weinges, did not hear 6, attended 98.

Driver H. Smalls, did not hear 3, attended 101.

Driver A. Simmons, did not hear 5, attended 99.

CALL FORCE.

Callman W. Castillo, did not hear 6, attended 98.

Callman G. Zwillingman, did not hear 1, leave of absence 1, attended 102.

Callman P. Mandich, did not hear 3, attended 101.

Callman T. Doran, attended 95.

Company attendance, 96 per cent.

ENGINE Co. No. 4, PERMANENT FORCE.

Foreman A. J. Jager, did not hear 1, leave of absence 1. attended 102.

Engineer J. P. Sullivan, attended 104.

Assistant Engineer T. Daggett, attended 97.

Driver R. Gregory, attended 104.

Driver C. R. Bates, attended 104.

Helper H. Crum, attended 104.

CALL FORCE.

Callman J. H. Sawadske, did not hear 3, attended 101.

Callman J. J. Finnegan, did not hear 5, attended 99.

Callman J. R. Ray, attended 104.

Callman L. J. Burmester, did not hear 1, attended 103.

Callman H. Graham, attended 104.

Callman R. L. Alderson, did not hear 4, attended 100.

Company attendance, 98 1-8 per cent.

ENGINE Co. No. 5, PERMANENT FORCE.

Engineer B. W. Donnell, sick 2, attended 102.

Assistant Engineer W. Roberts, attended 104.

Driver F. Bowman, attended 104.
Driver D. Bowman, sick 21, attended 83.
Helper W. Robinson, did not hear 1, leave of absence 1, attended 102.

CALL FORCE.

Foreman W. F. McGinnis, did not hear 1, sick 5, attended 98.
Callman R. J. Ortman, did not hear 3, leave of absence 1, attended 100.
Callman E. W. Smith, did not hear 2, attended 102.
Callman R. M. Sigwald, did not hear 3, attended 101.
Callman G. M. Worrell, did not hear 3, attended 101.
Callman G. H. Benedikt, did not hear 3, attended 101.
Callman J. H. Sawadske, did not hear 5, attended 99.
Company attendance, 95 5-8 per cent.

ENGINE CO. NO. 6, PERMANENT FORCE.

Engineer T. W. Halsall, attended 104.
Assistant Engineer J. H. Shriver, leave of absence 2, sick 1, attended 101.
Driver R. Brennan, leave of absence 1, attended 103.
Driver S. Dunmeyer, sick 1, attended 103.
Helper W. Brown, did not hear 1, attended 103.

CALL FORCE.

Foreman A. Axson, did not hear 7, leave of absence 2, attended 95.
Callman H. F. Behrens, did not hear 1, sick 3, attended 100.
Callman E. Begley, did not hear 2, attended 102.
Callman R. Dohrman, did not hear 2, sick 3, attended 99.
Callman A. L. Knickmeyer, did not hear 1, attended 103.
Callman J. E. Smith, did not hear 3, attended 101.
Callman J. A. Young, did not hear 4, leave of absence 1, sick 1, attended 98.
Company attendance, 97 1-8 per cent.

ENGINE CO. NO. 7, PERMANENT FORCE.

Engineer W. H. Sigwald, leave of absence 1, attended 103.
Assistant Engineer A. R. Krantz, did not hear 1, attended 103.
Driver J. Williams, attended 104.
Driver J. Gadsden, leave of absence 1, attended 103.
Helper S. Brown, did not hear 2, attended 102.

CALL FORCE.

Foreman E. M. Droze, attended 104.
Callman F. Voght, did not hear 3, leave of absence 1, attended 100.
Callman J. R. Lewis, did not hear 4, attended 100.
Callman J. H. Wohlers, did not hear 1, attended 103.

Callman H. H. Ridgeway, did not hear 4, leave of absence 2, attended 98.

Callman J. E. Dawson, attended 104.

Callman H. L. M. Kuck, did not hear 3, leave of absence 1, attended 100.

Company attendance, 98 per cent.

TRUCK Co. No. 1, PERMANENT FORCE.

Tillerman H. C. Ford, did not hear 4, attended 100.

Assistant Tillerman J. L. Shecut, did not hear 5, sick 2, attended 97.

Driver J. W. Marshall, did not hear 2, attended 102.

Helper Geo. Ritter, attended 103.

CALL FORCE.

Foreman W. G. Fridie, did not hear 4, leave of absence 1, sick 1, attended 98.

Callman J. A. Nell, did not hear 5, attended 99.

Callman R. H. Mears, did not hear 1, attended 103.

Callman J. H. Green, sick 2, attended 102.

Callman B. C. Jenkins, attended 104.

Callman G. M. Mears, did not hear 1, sick 5, attended 97.

Callman W. W. Wheeler, did not hear 1, attended 103.

Company attendance, 96 7-8 per cent.

REPORT OF SUPERINTENDENT OF FIRE ALARM
TELEGRAPH.

Charleston, S. C., December 31, 1909.

To the Chairman and Board of Fire-Masters:

Gentlemen:—I beg leave to tender this, my twentieth annual report, of the working and maintenance of the Fire Alarm Telegraph System, and I am again proud to be able to state that the record for perfection has not been surpassed, and, I doubt, equalled by any; for during nineteen years' management I still have the satisfaction to report no failure of an alarm for fire.

During the year a new Eight-Circuit Repeater has been put in, to replace the former Six-Circuit Repeater; also a complete set of new batteries, of the latest and most improved type. New battery racks have been built to replace old style ones, which were not suitable for the new battery cells. New galvanometers, fuse blocks, etc., for eight circuits.

Both Iron Bell Towers have been painted. Lines have been extended, and six new boxes added to the system, which takes in north as far as Mount Pleasant Street, and west to Chestnut Street.

NEW WIRES.

Meeting Street to Archdale, on Queen Street; Archdale, from Queen to Beaufain Street; St. Philip, from Beaufain to Spring; Spring, from St. Philip to Rutledge Avenue; Rutledge Avenue to Line; Line to Ash; Ash to Bogard; Rutledge Avenue, from Line to Sumter; Sumter, to Ashley Avenue; Spring Street, from President to Chestnut; Chestnut to Ashton; King Street, from Romney to Mount Pleasant; Line Street, from Meeting to King.

New wires to Boxes: 722, 524, 725, 733, 86, 814, 821, 822, 417.

WIRES TAKEN DOWN AND REPAIRED.

Tradd Street, from Logan to Ashley Avenue; Queen Street, from Meeting to St. Philip; Lucas and Calhoun; Aiken and Hampstead Mall; Hampton Park; Archdale Street, St. Philip Street, Wetherhorn & Fischer's Planing Mill; Meeting Street, opposite Power House; West Point Mill, East Bay, Laurens Street, Washington Street, Inspection Street, Anson Street.

All slack in wires have been taken up and all weak and defective parts put in order.

NEW BOXES ADDED TO LINE.

Box 725—Corner of Race and King Streets.

Box 733—Corner of King and Mount Pleasant Streets.

Box 86—Corner Ashley Avenue and Sumter Street.
 Box 814—Corner Chestnut and Ashton Streets.
 Box 821—Corner Bogard and Ash Streets.
 Box 822—Corner Rutledge Avenue and Cleveland Streets.

POLES PUT UP AND OLD ONES TAKEN DOWN.

America, South of Blake Street.
 Cleveland Street and Rutledge Avenue.
 Romney and Meeting Streets.
 Hayne Street, near Meeting.

BREAKS IN LINE.

March 25th.—Bell Telephone pole broke, falling on line, Meeting and Hayne Streets.

July 30th.—Tree that was being cut down on Hampstead Mall fell, and broke line.

November 22nd.—Box wire, Columbus Street.

November 28th.—Council and Tradd Streets, bad joint in line wire.

Wind and lightning storm, July 19th, caused the burning of most of the fuses in Cable Boxes, on top of poles, which opened Circuits 2, 3 and 4; also line of poles on Romney Street, from Meeting to King, were blown down. Damages repaired by men of Fire Department; only expense, replacing wires and Box Pole, Romney Street, from King to Meeting.

REPAIRS TO APPARATUS AND BOXES.

Indicator at Power House.

Indicator at Consolidated Co., Meeting Street.

Gong, Assistant Chief's Residence.

Gong, Truck No. 1.

Gong, No. 5 Engine Co.

Indicator, No. 1 Engine House.

Gong, Lieut. Steenken (Police Department) Residence, America Street.

Bell Machine, Headquarters Meeting Street.

Bell Rod, Cannon Street Bell.

Spring in Repeater Fan.

Boxes 242, 91, 431, 524, 164, 813, 725, 733, 86, 814, 821, 822, 162, 154, 151.

Fuses replaced: Battery Racks, 1; Switch Board, 4; Cable Boxes, 16, Central Station, 4.

Grounds Cleared: Queen Street, near Trapman, contact telephone wires; Meeting and Queen, cable wire; Washington and Calhoun, ground-plate burnt from lightning; Inspection and Concord, ground-plate burnt from lightning.

MATERIAL USED.

About 6 miles of wire, 40 T pieces, 1 pole, 2 brake arms, 10 box boards, 30 cross arms, 150 pins and brackets, 100 insulators, new pipe, clamps, knobs, screws, etc.

SIGNALS FOR THE YEAR.

Fire Alarms	104
Noon Signals	312
Test Alarms	155

Total for 1909571

NUMBER OF INSTRUMENTS ON CIRCUITS.

	1	2	3	4	5	6	Total
Boxes	18	20	27	17	18	17	117
Gongs	4	4	4	1	6	.	19
Indicators .....	.	1	1	.	1	1	4
Bells .....	.	.	.	2	.	1	3
	—	—	—	—	—	—	—
	22	25	32	20	25	19	143

Lineman J. Fitzgerald deserves special mention for his promptness and willingness, working at times with much danger from high tension wires; also after the storm of July 19th, working night and day until circuits were in perfect order.

The helpers and other men in the Department deserve credit for their assistance; when called on to fix troubles, they always respond with willingness.

Very respectfully,

B. E. BICAISE,
Acting Supt. F. A. T.

**REPORT OF SUPERINTENDENT OF HORSES OF CHARLESTON
FIRE DEPARTMENT.**

Charleston, S. C., January 1, 1910.

To the Chairman and Board of Fire-Masters:

Gentlemen:—I beg to submit herewith my annual report of attendance to the horses for the year 1909:

ENGINE HOUSE No. 1.

Attended—

February 12, Engine horse for lameness.
July 16, Reel horse for a sore on his fetlock.
December 7, Engine horse for hollow hoot.
December 16, Reel horse for a sore leg.

ENGINE HOUSE No. 2.

Attended—

April 16, Engine horse for lameness.
April 19, Engine horse for worms.
April 30, Reel horse for appetite and lung fever.
November 25, Engine horse for appetite and cold.
December 3, Engine horse for appetite.
December 15, Reel horse for worms.
December 29, Engine and Reel horses for appetite.

ENGINE HOUSE No. 3.

Attended—

February 8, Engine horse for gravel and appetite.
February 21, Engine horse for lameness and bruises.
May 22, Engine horse for appetite.
October 17, Engine horse for lameness.
December 9, Engine horse for appetite.

ENGINE HOUSE No. 4.

Attended—

September 14, Engine horse for lameness.
October 8, Engine horse for colic.
December 27, Engine horse for indigestion.

ENGINE HOUSE No. 5.

Attended—

July 2, Reel horse for worms.

ENGINE HOUSE No. 6.

Attended—

January 23, Reel horse for appetite.
March 3, Engine horse for cough and cold.
March 6, Engine horse for appetite.
March 30, Engine horse for gravel.
May 5, Engine horse for wart on the foot.

June 20, Engine horse for sore on the foot.
August 16, Reel horse for lung fever.
September 24, Engine horse for sore on the leg.
September 6, Reel horse for lameness.
October 6, Engine horse for appetite.

ENGINE HOUSE No. 7.

Attended—

February 20, Reel horse for gravel.
February 21, Engine horse for worms.
March 5, Reel horse for appetite.
March 19, Reel horse for fistulae.
April 18, Reel horse for lameness.
May 22, Engine horse for cough and cold.
May 26, Engine horse for appetite.
June 20, Engine horse for sore on the head.
August 28, Reel horse bleeding from the nose.
September 5, Engine horse for sore on the legs.
September 23, Reel horse for abscess.
November 18, Engine horse for appetite.

TRUCK HOUSE.

Attended—

January 3, Truck horse for gravel.
April 6, Truck horse for appetite.
May 15, Truck horse for appetite.
October 1, Truck horse for hollow hoof.

AERIAL TRUCK HOUSE.

January 30, Truck horse died.
July 5, Truck horse for wart on the side.

Attended—

July 24, Superintendent of Fire Alarm horse for appetite.
I visited the stations regularly every twenty-four or forty-eight hours; also assisted in the selection of feed, and superintended the buying and shoeing of horses for the Department.

Respectfully submitted,

M. HOGAN,
Supt. of Horses.

**RECEIPTS AND DISBURSEMENTS OF THE FIREMEN'S PENSION, DISABLED AND SUPERANNUATED FUND.
FROM JANUARY 1ST TO DECEMBER
31ST, 1909.**

RECEIPTS.

To balance from last Annual Statement—	
Pension Fund	\$2,530.65
Disabled and Superannuated Fund	500.00
	\$3,030.65
To Pension Fund—	
5 per cent. on \$7,735.73, amount collected from City Tax, 1909, from Fire Insurance Companies	\$ 386.78
	\$ 386.78
To Disabled and Superannuated Fund—	
5 per cent. on \$7,735.73, amount collected from City Tax, 1909, from Fire Insurance Companies	\$ 386.79
Fines from pay rolls	23.50
	\$ 410.29
To Interest Account—	
Interest on deposits	154.07
	\$3,981.79

DISBURSEMENTS.

By Disabled and Superannuated Fund—	
Funeral expenses of J. T. Keckley.....	\$100.00
Funeral expenses of G. F. Rose	100.00
	200.00
By balance	3,781.79
	\$3,981.79

EXTRACT FROM ORDINANCE.

The City Treasurer of the City of Charleston shall semi-annually, that is, before the 30th day of June and the 31st of December of each year, pay over to the Treasurer of the Fireman's Pension and Relief Fund, one-tenth of the amount collected under the annual Tax Levy of said City from Fire Insurance Companies or Fire Insurance Agents, doing business in said City, on the gross receipts of every such Fire Insurance Company or Fire Insurance Agent, during the half year preceding such semi-annual settlement, and the money so paid over to said Treasurer shall one-half be carried for, as and to the principal of said Pension Fund, and

the remaining one-half and the interest accruing from forfeitures and fines may be used by said trustees for pensions as in this Ordinance provided, and said trustees at the end of each fiscal year shall carry to principal whatever amount there remains of said hereinbefore last specified one-half, and the interest on the Fund and amounts received from forfeitures and fines, that has not been expended and is in excess of \$500, together with the amount heretofore so paid, shall constitute the principal of the Fireman's Pension Fund, for the purpose and object herein set forth.

The funds have to credit—

Pension Fund	\$3,281.79
Disabled and Superannuated Fund	500.00
	<hr/>
	\$3,781.79

Respectfully submitted,

J. O. LEA,
Treasurer.

Examined and found correct.

J. P. MAGRATH,
L. BEHRENS,
Committee.

Memo:

Total Tax Levy assessed against Fire Insurance Companies	1,311
as per Lien Book	\$7,893.27
Less amount unpaid with City Sheriff	157.54
	<hr/>
	\$7,735.73

Amount collected by City Treasurer, 10 per cent. on \$7,735.73

Credited June, 1909	\$358.66
Credited December, 1909	414.91
	<hr/>
	\$773.57

REPORT OF HEALTH OFFICER.

Department of Health.

Charleston, S. C., January 1, 1910.

*To the Honorable the Mayor**and City Council, Charleston, S. C.**Gentlemen:*

I have the honor to submit this the Annual Report, with the meteorological observations and table of vital statistics of this Department, which have been undertaken for the benefit of the city during the year 1909.

It will be of interest to go back for about 10 years and note the steady progress which has taken place in the reduction of our death rate. In 1899, with a white population of 24,255, our per cent. per 1,000 was 21.60. In 1909, with an increased white population of 28,380, our percentage per 1,000 has been reduced to 14.04. Our colored population in 1899 was 31,466, with a per cent. per 1,000 of 40.50. In 1909 it has decreased to 29,435 with a per cent. per 1,000 of 32.30.

Our total population of both races in 1899 was 55,721, with a percentage per 1,000 of 32.35. In 1909, with a total population of 57,815, we have per 1,000 a percentage of 23.05.

This at first seems to be high, but one thing must be remembered, that Charleston, like all Southern cities, is burdened with the mortality of the colored race, which is necessarily high, being more than the ratio of 3 to 1; that is, for every one white death there are nearly $3\frac{1}{2}$ colored. Our white mortality of 21.60 for 1899, with a population of 22,455, compared with the present time; that is, 1909, with an increased white population of 28,380, with a per cent. per 1,000 of 14.41 per 1,000, is, I think, a remarkable showing.

There are two important factors which bear a direct relation to the health of the community, and these are its

water and sewerage. If Charleston would adopt and use only the filtered water which is furnished from Goose Creek her typhoid fever would be diminished to a great extent.

As long as we have the underground cistern and the open vaults and cesspools we are going to have necessarily typhoid fever.

The cisterns are contaminated from the contents of these vaults and cesspools, and flies carry infective bacteria to milk, to food and other agencies. Our sewerage system which will be started in February will be of untold benefit: First, it will collect all this effete material, as it were, in one common covered receptacle and deposit it where it will do no harm. Second, it will carry it off and not allow it to be stored on the premises to saturate the soil and be exposed to flies. Thirdly, it will have the effect of having the filthy, insanitary and disease-producing vaults and cesspools filled up and done away with.

Statistics will show that wherever a city has installed a filtered water supply and a system of sewerage that the morbidity and mortality returns have dropped, even with a sharp curve.

We have a good, wholesome water, free from pathogenic bacteria; this in one essential. The fulfilment of the other lies in the completion of our sewerage system and the filling up of all vaults and cesspools (and I would add to this too the destruction of every underground cistern and well).

Another thing which I would like to see accomplished would be the removal of cows and dairies from the city, and the filling up of all low lots.

Cow stables breed flies in hordes, and the low lots the pestiferous mosquito. With these things accomplished Charleston will easily be classed with the healthiest city in the world.

One of the greatest benefits which has happened to the city was in August, 1909, when the vote was put to the people upon the question as to whether or not bonds should be issued for the completion of the sewerage throughout the entire city. Such was the feeling of the people in regard to the importance of a sewerage system for the city that it was passed with a large majority.

We are to be congratulated and should return sincere and heartfelt thanks to the Hon. R. G. Rhett, Mayor, who, with untiring zeal and energy, pushed to a culmination one of the most important needs which our city has been lacking in for many years.

Our sewerage system will be started in February, and we hope to get it completed in about eighteen months to two years.

In August ordinances were passed condemning privies and cesspools, and these will be filled in and done away with as soon as the sewers along the streets are completed.

During the year attention was given to the bakeries; each place in the city being thoroughly gone over and examined, and directions given for the better protection of bread from flies and dust.

Ordinances were passed compelling protection of bread, cakes, etc., in their delivery through the streets; the wagons were rendered tight and the bread wrapped in paper. The condition is much improved, but will be bettered during the coming year.

The condition of the dairies, through Dr. Mood, has also been improved, but we are not yet satisfied, believing that they should all be forced outside the city limits. They are always more or less a nuisance, and complaint is frequently made by residents situated by or near these dairies about the cows, odors, etc., which must of necessity arise from such places. The report of Dr. Mood will be found appended.

On October 5, 1909, the Board of Health met and drew up resolutions asking City Council for a special appropriation of eight hundred (\$800.00) dollars to bring to Charleston the exhibit of the American Tuberculosis Association for the Study and Prevention of Tuberculosis. This appropriation was granted and the exhibit brought here and displayed at the Auditorium for two weeks, during which time there was an average daily attendance of one thousand people.

The real object of the exhibit was from an educational standpoint, through the public lectures, practical demonstrations, etc., to educate the people, arouse their interest and

to teach them how to live; that consumption is preventable, and that it can be cured. No visible or material results were expected from this exhibit, but the people have been educated and there is left upon their minds the knowledge of how to prevent it and how to cure it. We believe that the exhibit was a magnificent success from many stand-points, and it has taught them that they should live under better hygienic and sanitary conditions, and that the small some of money asked for was well and profitably expended.

To Dr. Jno. L. Dawson is due the credit of bringing this exhibit to Charleston; a member of our Board, and a man thoroughly interested in tuberculosis work. We extend to City Council our hearty thanks for its liberal appropriation, and also to Dr. Dawson for bringing this exhibit to our city.

The work in the Department has materially increased during the past year, and the various officers have done their best under the circumstances.

The city has grown in extent and population, and we are compelled to do a greater amount of work over a much increased area. Our appropriation is now too small to meet present demands, and I would respectfully ask that it be increased in order that we might carry out our plans more fully and effectively.

The force should be increased in the Health Department and a system organized, which would, I think, work to much better advantage.

The city, too, should have its own bacteriological and chemical laboratory; a place specially adapted for our work and under our own control.

A diagnostician should be at hand, whose duty it would be whenever called upon, in cases of suspected and unreported cases of contagious diseases, to go and diagnose the case and place the matter in the hands of the Board of Health.

An instance occurred this summer in a case of unreported diphtheria, which was certainly diphtheria, but there was no proof to convict, and the physician got off without punishment.

It is necessary, too, for there have occurred cases of scar-

let fever and diphtheria among "Christian Scientists," who, by their faith, are a menace and danger to a community, as far as the transmissibility of disease is concerned.

The Board of Health has been very active during the year and has worked assiduously for the advancement and betterment of our health conditions.

The reports from our various departments will be found appended.

CONTAGIOUS DISEASES.

DIPHTHERIA.

Diphtheria has been greatly in excess of last year, being so, however, generally throughout the country.

In my opinion our excess is due to the too early release of convalescents without the two necessary negative cultures. Unrecognized cases and the discharge by the physician before these two negative cultures are made are undoubtedly responsible for its spread among the school children.

Nasal diphtheria may sometimes exist without any symptom to speak about, and yet harbor the bacilli, and be a source of danger to others. These unrecognized cases in their transmissibility are the most dangerous to contend with, and may inflict others with a malignant form.

Antitoxin is given free to all cases where the people are unable to pay for it.

There were in all 85 cases: White, 81, colored, 4.

Deaths: 4 white, 1 colored.

SCARLET FEVER.

Scarlet fever was slightly in excess, there being 17 cases: 13 white, 4 colored, with no deaths.

TYPHOID FEVER.

As long as Charleston has the underground cistern and open privy vault there is going to be typhoid fever.

It is unfortunate that we do not have a more general

use of Goose Creek water, which is a filtered water, pure and wholesome; free from pathological bacteria, and a water well suited for domestic purposes.

The prejudice against this water by the laity is based on ill-founded and unscientific ideas, accepting their own opinion in spite of the opinion of our medical men, who advocate its use freely.

The milk supply is well looked after and handled, as the report of Dr. G. McF. Mood, Milk Inspector, will show.

Unquestionably cows and dairies should be removed beyond the city limits. They are all breeding places for flies, and with the privy vault, into which the fly enters and crawls around in search of food, flying out again with feet full of infective bacteria, alighting in houses on food, become sources of infection, which should be done away with.

With the more general use of Goose Creek water, the completion of the sewerage system and the filling up of the privy vaults, there should be a remarkable reduction in the number of cases of typhoid fever.

There were 141 cases of typhoid fever: white, 89, colored, 52.

Number Deaths: 13 white, 20 colored.

TUBERCULOSIS.

Of all diseases which are of a transmissible nature and most dangerous to man, and which kills its thousands every year, strange as it might appear, but little attention is given, and onward it goes, day by day, month by month, year by year, with an unceasing and merciless tyranny unopposed by man. What have you done, what have we done, what has the State done? Nothing! Not one cent towards its prevention, not one cent towards its cure.

In the exhibit which was brought here in November we have done something; we have aroused interest; we have proved that consumption is preventable; that it can be cured. This does not sound like much, but it is a great deal, for when you get a people interested and aroused half the battle is won, and you get their coöperation, the highest essential in all matters pertaining to the prevention of dis-

ease and other work of a health department from a sanitary standpoint.

The exhibit has come and gone and, I hope, has left behind an impression deeply imbedded in the minds of the people, which will in the future show itself in many and various ways. While we have comparatively but little tuberculosis, yet it is with us, and it behooves us to adopt every measure and means to prevent its spread.

Teach the consumptive how not to give it to others and he will do no harm. It is the careless consumptive who is a menace and a danger to others; control him and the problem is solved, and consumption could be wiped from the face of the earth.

We had last year 163 deaths from tuberculosis; 25 white, 138 colored.

*MORTALITY.

The mortality based on the actual census of 1907 is as follows:

White males	
White females	
Total whites	28,380
Colored males	
Colored females	
Total colored	29,435
Total population (white and colored)	57,815
Proportion of Deaths—	
White	1 in 69
Colored	1 in 30
Ratio per 1,000 white	14.41
Ratio per 1,000 colored	32.03
Ratio per 1,000 white and colored	23.05
Number of Deaths—	
White	409
Colored	951
Total	1,360

*Accidents and still births excluded.

FINANCIAL STATEMENT.

Amount Appropriated for General Expenses			\$13,500.00
Extra Appropriation, Tuberculosis Exhibit			800.00
			<hr/>
			\$14,300.00
Expended in 1909:			
Salary of Health Officer	\$1,800.00		
Salary of Clerk	1,200.00		
	<hr/>	\$3,000.00	
Incidentals, Petty Cash, Miscellaneous	\$231.73		
Expenses, Dr. Dawson to Tuberculosis Exhibit	57.60		
	<hr/>		
Telephone		289.33	
Printing, Stationery, etc.		12.60	
Salary of Bacteriologist	\$ 900.00	314.67	
Salary of Help	60.00		
	<hr/>		
Office Expenses	\$ 960.00		
	452.33		
	<hr/>	1,412.33	
Salary of Milk and Meat Inspector	\$1,440.00		
Salary of Milk and Meat Inspector's Assistant	600.00		
	<hr/>		
Office Expenses	\$2,040.00		
	33.01		
	<hr/>	2,073.01	
Salary of Chief Sanitary Inspector	\$ 960.00		
Salary of Four Inspectors	2,640.00		
	<hr/>	3,600.00	
Disinfection, Salary of Store Keeper	\$ 660.00		
Cartage and Distribution	523.35		
Incidentals	29.33		
	<hr/>	1,214.68	

Purchase Disinfectants	\$632.30
Steam Disinfection	100.00
Pest House, Salary of Watchman	\$ 60.00
Ambulance Hire	300.00
Repairs drinking fountains	360.00
Tuberculosis Exhibit	177.36
	676.57
	<u>\$13,832.85</u>
Unexpended Balance to Income Account City	\$ 467.15
To Income Account of City from Milk Licenses	304.80

J. ALWYN BALL,
Chairman Board of Health.

J. MERCEIR GREEN, M. D.,
Health Officer.

REPORT OF BACTERIOLOGIST.

Department of Health.

Charleston, S. C., January 1, 1910.

Dr. J. M. Green,
Health Officer.

Sir: I have the honor to submit the following tabulated statement of the work of the Bacteriological Department during the past year. You will note a marked falling off in the number of typhoid examinations, while the number of diphtheria examinations was considerably larger than during the previous year. The number of positive results, however, must not be taken as an indication of the actual number of cases, inasmuch as several secondary examinations from the same patients were made in many instances.

Respectfully submitted,
ROBERT WILSON, JR., M. D.,
Bacteriologist to Board of Health.

TABLE I.

SPECIMENS FOR DIAGNOSIS.	No. Examined	Pos. Results
Blood, Malaria	27	4
Blood, Typhoid Fever	737	184
Feces, Tuberculosis	2	.....
Feces, Uncinariasis	4	.....
Pus	4	.....
Sputum, Pneumonia	1	.....
Sputum, Tuberculosis	164	44
Swabs, Diphtheria	358	159
Tissue, Tubercular	1	.....

TABLE II.

Cistern and Well Water.

	Samples Examined	No. Condemned
Cistern Water	281	95
Well Water	16	9

DIVISION OF MILK AND MEAT INSPECTION.

Dr. J. Merceir Green,
Health Officer, Charleston, S. C.

Dear Sir: I have the honor of submitting this my Annual Report of the work done in the Division of Meat and Milk Inspections.

The year has seen improvements both in the methods of production and handling of milk, and in the handling of meats, especially the latter; for during the last twelve months all of the slaughter houses—seven in number—have been practically rebuilt, the sanitary conditions being vastly improved, and two new slaughter houses have been built. Each of these nine private abattoirs is screened from flies, has a water-tight floor—two of them cement floors—offset meat racks, and a pure water supply under pressure, with which it can be kept clean.

While they are markedly improved, they cannot take the place of what we should have—a municipal abattoir—for the following reasons:

First: So large a number of slaughter houses scattered along the edge of the city cannot be inspected as frequently as they should be.

Second: If not constantly kept absolutely clean they are just so many nuisances.

Third: As slaughtering is done at no regular hours, all of the cattle, sheep and hogs killed at them cannot be inspected either before slaughter or immediately after dressing.

The advantages of a municipal abattoir are:

The hours for killing can be so arranged that regular inspections of the building, cattle before and after slaughter, and the personal hygiene of the butchers themselves can be made, preventing its being objectionable to those living in the vicinity, and resulting in the placing upon the city market of only meats that are known to be wholesome in every way, and properly handled.

Such an abattoir could be conducted with little, if any, expense to the city.

The mode of handling of meats by the retailers has been improved, so that the consumer is supplied with fresher meats, and meats kept under conditions which insure their remaining in a sound condition. These shops, too, are kept in a more neat and cleanly condition than formally.

The small quantity of meats condemned during the year is a good indication of these improvements.

INSPECTIONS.

Retail meat house inspections.....	3,606
Wholesale meat house inspections.....	245
Fish house inspections	481
Slaughter pen inspections	73
Total inspections	4,405

CONDEMNATIONS.

Beef	152 lbs.
Livers	470 "
Sausages	1,045 "
Pork	245 "
Mutton	100 "
Fish	1,949 "
Total.....	3,961 lbs.

All of the dairies, too, have during the year been made sanitary, so that our milk supply is now purer than ever before.

A number of new small dairies have been opened within the city limits. This is undesirable, as a purer and better milk can be produced on farms removed from the dangers of contamination existing within the city. Then, too, it is almost impossible to at all times keep them in such a condition that they are not objectionable to those living in the vicinity, especially on account of the odor and increased number of flies.

Altogether the milk supply to the city during the year

has been of very good quality, and no quantity of milk has been found at any time adulterated with either water or preservatives.

At times the percentage of fats has not reached the requirements, but this has in each instance been promptly remedied when the attention of the dairy at fault was called to it.

There are two constant possible sources of milk contamination—which would lead to the spread of disease—existing at several of the dairies within the city. These are wells and cisterns. And while the use of well water is prohibited, it cannot be actually stopped as long as wells are allowed in the city.

During the year twenty-one well and cistern waters were tested, and of these thirteen were found polluted, and condemned, as follows:

Well waters tested, 13; condemned, 8.

Cistern waters tested, 8; condemned, 5.

In view of the large percentage of wells and cisterns found polluted and owing to the fact that, though cleaned out, contamination might occur at any time, I think that we would not only be justified, but be acting in the interest of the consumer—who should be protected—if all wells and cisterns at dairies were not only condemned, but closed up, so that they cannot be used.

One dairy only has been closed on account of an infectious disease occurring on the premises.

INSPECTIONS.

Dairy inspections	2,055
Dairy wagon inspections	498
Total.....	2,553
Milks tested	713
Creams tested	23
Total.....	736

Milks tested for preservatives..... 402
(In none of these was a preservative detected.)
Milks not coming up to requirements..... 40

(Milk) Average fats (713 samples)..... 3.95%
(Creams) Average fats (23 samples).....27.17%
(Milks) Average specific gravity (713 samples).... 1.03153.

Respectfully submitted,

G. McF. MOOD, M. D.,

Meat and Milk Inspector.

February 1, 1910.

DIVISION SANITARY INSPECTION.

January 1, 1910.

*Dr. J. M. Green,**Health Officer.*

Dear Sir: I have the honor to submit this my Annual Report for the Division of Sanitary Inspectors and Contagious and Infectious Diseases for the year ending December 31, 1909. I have endeavored to conduct this branch of the Department with impartiality; striving for the best results without working unnecessary hardships on property owners, and hoping each year for better coöperation from the public. The recent Tuberculosis Exhibition in this city has helped in this direction, and the community is beginning to realize that cleanliness and sanitation are essential to prosperity.

The inspectors have been faithful in the discharge of their duties. They come in contact with all classes of people, and at times meet with conditions that require tact and judgment, and if there has been any complaint about them the case has not been brought to my attention. Their districts are divided into four, as follows:

- No. 1. Gilman Courtenay.
- No. 2. C. F. Glover.
- No. 3. Frank Richards.
- No. 4. M. Hogan.

Each inspector is required to visit fifty premises a day; get the signatures of the occupants as evidence that he has been there, report in writing the condition of the place, and having reported a nuisance, it is his duty to return and ascertain whether it has been removed in accordance with the health ordinances. In addition to this he must report all buildings and repairs in his district, and make a report of anything whatsoever that he considers detrimental to the public health.

There is little if any improvement in the garbage receptacles. The cans, old boxes and vessels of various descriptions that are used are unsightly and insanitary. Many

householders have provided themselves with the regulation can, but complain that within a few days they are either stolen by those who cannot afford to purchase or are broken by passing vehicles.

Mr. Cornelius Adams still has charge of the Disinfectant Station. The carts and distribution of disinfectants are under his supervision; the number of places supplied and the amount of solution used is taken from his report. He has handled the year's work with care and given satisfaction to the public.

The fumigation of the rooms has received my personal attention. The cracks are first carefully sealed with gummed paper, and formaldehyde and permanganate are used. This part of the work has increased yearly, showing that the people in general are taking every precaution available. In cases of contagious diseases the bedding, linen, etc., are sent to the Roper Hospital, where they are further sterilized.

The following figures showing the work for the year are respectfully submitted:

Visits to premises	49,989
Notices served	2,019
Drains cleaned	120
Vaults cleaned	2,149
Drain connections	168
Samples water collected	247
Rooms fumigated	255
Disinfectants delivered at Station	1,605
Disinfectants to private premises, city drains, etc.....	7,717
Gallons of solution to premises, drains, etc.	51,550
Before the Recorder	21
Convictions	14
Placarded for contagious diseases	91
Complaints to office	152

A. WARING MITCHELL,
Chief Inspector.

MORTUARY STATISTICS.

AFter the BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909.

GENERAL DISEASES.	White			Colored			Grand Totals
	Males	Females	Totals	Males	Females	Totals	
1. Typhoid Fever, Abdominal Typhus	6	7	13	12	8	20	83
2. Exanthematic Typhus							
3. Fever, Recurrent				4	3	7	7
4. Fever, Intermittent							
5. Smallpox							
6. Measles		1	1		1	1	2
7. Fever, Scarlet							
8. Whooping Cough	1		1	1	6	7	8
9. Diphtheria and Croup	3	1	4		1	1	5
10. Influenza					1	1	1
11. Fever Miliary							
12. Asiatic Cholera							
13. Cholera Nostras							
14. Dysentery		1	1	1	2	3	4
15. Plague							
16. Fever, Yellow							
17. Leprosy							
18. Erysipelas							
19. Other Epidemic Diseases							
20. Pyemia and Septicaemia		1	1	2	3	5	6
21. Glanders							
22. Anthrax							
23. Rabies	1		1				1
24. Actinomycosis, Trichinosis							
25. Pallagra		1	1	3	7	10	11
26. Tuberculosis of Larynx							
27. Tuberculosis of Lungs							
28. Tuberculosis of Meninges					1	1	1
29. Tuberculosis, Abdominal					2	2	2
30. Potts Disease							
31. Cold Abscess							
32. White Swelling							
33. Tuberculosis of Other Organs	11	14	25	62	76	138	163
34. Tuberculosis, General							
35. Scrofula							
36. Syphilis		2	2	2	7	9	11
37. Gonorrhoea, Adults							
38. Gonococcal Affection of Infants							
39. Cancer and other Malignant Tumors of the Mouth							
Carried Forward							

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward							
40. Of Stomach and Liver	2	4	6	1	3	4	10
41. Of Peritoneum, Intestines, Rectum ..							
42. Female Genital Organs		6	6		4	4	10
43. Cancer and other Malignant Tu- mors of Breast					6	6	6
44. Of Skin	1	1	1				1
45. Of other Organs and Unspecified.	2	2	2				2
46. Other Tumors except of Female Genital Organs							
47. Acute Articular Rheumatism							
48. Chronic Rheumatism and Gout ..							
49. Scurvy							
50. Diabetes	2	1	3				3
51. Exophthalmic Goitre							
52. Addison's Disease							
53. Leukemia							
54. Anaemia Chlorosis		1	1				1
55. Other General Diseases					2	2	2
56. Alcoholism, Acute and Chronic ..	3		3				3
57. Lead Poisoning							
58. Other Chronic Poisonings of Oc- cupations							
59 Other Chronic Poisonings		1	1				1
<i>Diseases of the Nervous System and of the Organs of Sense.</i>							
60. Encephalitis	1	1	2	2	4	6	8
61. Simple Meningitis	1	1	2	3	1	4	6
61. (Bis.) Epidemic Cerebro Spinal Meningitis							
62. Prog. Locomotor Ataxia							
63. Other Diseases of the Spinal Cord		2	2	1		1	3
64. Congestion and Hemorrhage of Brain				1	3	4	4
65. Brain, Softening of		1	1				1
Carried Forward							

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES—Continued.		White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward								
66.	Paralysis, cause unspecified	2		2	81	89	70	72
67.	Paralysis, General					2	2	3
68.	Other Forms of Insanity					1	3	5
69.	Epilepsy		2	2	2			
70.	Convulsions, not Puerperal							
71.	Convulsions of Infants	5	1	6	15	22	37	43
72.	Tetanus				2	2	4	4
73.	Chorea							
74.	Other Nervous Diseases		1	1				1
75.	Diseases of Eyes							
76.	Diseases of Ears							
<i>Diseases of the Circulatory System.</i>								
77.	Pericarditis				1	1		1
78.	Endocarditis, Acute	6	1	7				7
79.	Organic Heart Disease	26	17	43	70	53	123	166
80.	Angina Pectoris		1	1				1
81.	Diseases of the Arteries, Artheroma, Aneurism, etc.	10	11	21	6	10	16	37
82.	Embolism and Thrombosis	9	11	20				20
83.	Diseases of the Veins, Varcies, Hemorrhoids Plebitis, etc.							
84.	Diseases of Lymphatics, Lymphangitis, etc.							
85.	Hemorrhage							
86.	Other Diseases of Circulatory System							
<i>Diseases of the Respiratory System.</i>								
87.	Diseases of the Nasal Fossæ							
88.	Diseases of the Larynx		1	1	1			2
89.	Diseases of the Thyroid body							
90.	Bronchitis, Acute				2	4	6	6
91.	Bronchitis, Chronic	1	1	2				2
92.	Pneumonia Broncho	8	8	16	7	11	18	24
93.	Pneumonia	7	10	17	22	21	43	60
Brought Forward								

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward							
94. Pleurisy					1	1	1
95. Congestion of Lungs, Pulmonary Apoplexy							
96. Gangrene of Lung							
97. Asthma		1	1	1	1	2	3
98. Pulmonary Emphysema							
99. Other Diseases of the Respiratory System, Phthisis excepted		1	1	1	3	4	5
<i>Diseases of the Digestive System.</i>							
100. Diseases of Mouth and Adnexa ..					2	2	2
101. Diseases of Pharynx							
102. Diseases of Oesophagus							
103. Ulcer of Stomach	1		1		1	1	1
104. Other Diseases of the Stomach, Cancer excepted		2	2	1	6	7	9
105. Diarrhoea and Enteritis, under 2 yr	4	1	5	47	58	105	110
106. Diarrhoea and Enteritis, 2 yr. & over	17	14	31	4	11	15	46
107. Intestinal Parasites		1	1				1
108. Hernia, Intestinal Obstructions ..	1	4	5	2	2	4	9
109. Other Diseases of the Intestines ..	1		1	1	1	2	3
110. Acute Yellow Atrophy of Liver ..	1		1				1
111. Hydatid Tumor of Liver							
112. Liver Cirrhosis	4	2	6	2	1	3	9
113. Biliary Calculi		1	1		2	2	3
114. Other Diseases of Liver	2		2		1	1	3
115. Diseases of Spleen							
116. Simple Peritonitis	1	1	2	1	4	5	7
117. Other Diseases of Digestive System, Cancer and Tuberculosis excepted	4	4	8	8	5	13	21
118. Appendicitis and Iliac Abscess ...	3		3	1	1	2	5
<i>Diseases of the Genito-Urinary Organs.</i>							
119. Nephritis, Acute	2	5	7	13	11	24	31
120. Bright's Disease, Chronic	33	29	62	53	34	87	149
Carried Forward							

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward							
121. Other Diseases of Kidney and Adnexa	1	1	2				2
122. Urinary Calculus	1	1	2				2
123. Diseases of Bladder		1	1	1	1	2	2
124. Diseases of Urethra, Urinary Abscess, etc.				1	1	2	2
125. Diseases of Prostate				2	2	4	4
126. Non Venereal Diseases of Male Genital Organs							
127. Metritis							
128. Uterine Hemorrhage, not Puerperal							
129. Uterine Tumor, not Cancerous					2	2	2
130. Other Diseases of Uterus					2	2	2
131. Ovarian Cyst and others					2	2	2
132. Other Diseases of Female Genital Organs		4	4	1	1	2	6
133. Diseases of Breast, not Puerperal, not Cancerous							
<i>Puerperal Diseases.</i>							
134. Accidents of Pregnancy		4	4		6	6	10
135. Puerperal Hemorrhage							
136. Other Diseases of Labor		2	2				2
137. Puerperal Septicaemia					1	1	1
138. Puerperal Albuminuria and Convulsions		4	4		4	4	8
139. Puerperal Phlegmasia, Alba Dolorosa							
140. Other Puerperal Accidents, Sudden Death							
141. Puerperal Disease of Breast							
142. Gangrene				1	1	2	2
143. Furuncle (Carbuncle)							
144. Phlegmon, Acute Abscess				1	1	2	2
145. Other Diseases of Skin and Adnexa	1	1	2	1	1	2	4
Carried Forward							

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES—Continued.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward							
<i>Diseases of the Locomotor System.</i>							
146. Diseases of the Bones, non-Tubercular				2	2	2	
147. Arthritis and other Diseases of Joints, Tuberculosis and Rheumatism excepted							
148. Amputation							
149. Other Diseases of the Organs of Locomotion							
<i>Malformation.</i>							
150. Congenital Malformations, Still Births not included		1	1	1			1
<i>Diseases of Infancy.</i>							
151. Congenital Debility, Icterus Sclerema	1		1		1	1	2
152. Other Diseases peculiar to early Infancy		1	1	4	2	6	7
153. Neglect							
154. Senile Debility	2	17	19	7	10	17	86
<i>External Causes.</i>							
155. Suicide by Poison							
156. Asphyxia							
157. Hanging or Strangulation							
158. Drowning							
159. Firearms							
160. Cutting Instruments							
161. Precipitation from Height							
162. Crushing							
163. Other Methods							
164. Fractures							
Carried Forward							

MORTUARY STATISTICS.

AFTER THE BERTILLON CLASSIFICATION OF CAUSES OF DEATHS, FIRST
INTERNATIONAL DECENNIAL REVISION, PARIS, 1900.

DEATHS FOR THE YEAR 1909—Continued.

GENERAL DISEASES--Continued	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Brought Forward							
165. Dislocations							
166. Other Accidental Injuries							
167. Burned by Fire							
168. Burned from Corrosive Substances							
169. Sunstroke							
170. Weezing							
171. Electrical Shock							
172. Accident Drowned							
173. Inanition (starvation)	9	4	13	26	86	112	75
174. Inhalation of Noxious Gas, not Suicidal							
175. Other Acute Poisoning, Accidental	1	1	2				2
176. (Bis.) Homicidal							
177. Dropsy							
178. Sudden Death, not Puerperal							
179. Causes not specified or ill defined.	2	1	3		1	1	4
Totals	195	214	409	434	517	951	1360

MORTUARY STATISTICS.
ACCIDENTS AND PREMATURE BIRTHS WITHIN THE CITY LIMITS FOR THE
YEAR 1909.

CAUSES.	White Males	White Females	Totals	Colored Males	Colored Females	Totals	Grand Totals
Asphyxia				5	2	7	7
Suicide							
Undeveloped	2	2	4	37	23	60	64
Homicide	4		4	15	1	16	20
Accidents	4	1	5	10		10	15
Cyanosis	2		2		1	1	3
Drowned	1		1				1
Burned	1		1	5	3	8	9
Premature Birth	6	2	8	7	7	14	22
Still Born	18	10	28	104	89	193	221
Totals	38	15	53	183	126	309	362

MORTUARY STATISTICS.

NUMBER OF DEATHS WITH PLACE OF NATIVITY FOR YEAR 1909.

NATIVITY.	White	Colored	Total
City	190	469	659
South Carolina	88	358	439
North Carolina	10	5	15
Georgia	7	7	14
Massachusetts	3	..	3
Connecticut	1	..	1
Pennsylvania	4	..	4
Maryland	2	..	2
Virginia	1	2	3
New Hampshire	1	..	1
Rhode Island	1	..	1
Washington, D. C. ....	..	1	1
New York	4	1	5
Texas	1	..	1
Canada	1	..	1
Greece	2	..	2
Ireland	30	..	30
Spain	1	..	1
Russia	2	..	2
Germany	24	..	24
Italy	3	..	3
France	1	..	1
Poland	1	..	1
East Indies	1	..	1
West Indies	1	..	1
England	2	..	2
Cuba	2	..	2
Scotland	2	..	2
Unknown	28	110	138
Totals	409	951	1360

NUMBER OF DEATHS WITH AGES AND IN HOSPITALS, ETC., WITHIN THE
CITY, BIRTHS, TWINS AND MARRIAGES FOR THE YEAR 1909.

AGES.			Total
	White	Colored	
Under 1 Year	48	190	238
1 to 5 Years	45	121	166
5 to 10 Years	8	20	28
10 to 20 Years	11	71	82
20 to 30 Years	26	131	157
30 to 40 Years	34	109	143
40 to 50 Years	43	117	160
50 to 60 Years	63	105	168
60 to 70 Years	58	52	110
70 to 80 Years	52	24	76
80 to 90 Years	26	8	34
90 to 100 Years .....	...	2	2
Over 100 Years .....	...	1	1
Totals	409	951	1360
DEATHS IN HOSPITALS, ETC.			
Roper Hospital	53	151	204
Riverside Infirmary	9	.....	9
St. Francis X. Infirmary	31	...	31
Alms House	1	...	1
Old Folks' Home .....	...	22	22
Colored Hospital .....	...	12	12
Totals	94	185	279

BIRTHS, TWINS AND MARRIAGES.**BIRTHS.**

White Males	207	
White Females	180	
	<hr/>	
Total		387
Colored Males	323	
Colored Females	301	
	<hr/>	
Total		624
Grand Total		1011

TWINS.

White	1	
Colored	11	
	<hr/>	
Total		12

MARRIAGES.

White	205	
Colored	271	
	<hr/>	
Total		476

COMPARATIVE MORTALITY.

Date	Whites			Colored			Whites and Colored		
	Population	No. of Deaths	Percentage	Population	No. of Deaths	Percentage	Population	No. of Deaths	Percentage
1909.....	28,380	409	14.41	29,435	951	32.30	57,815	1,360	23.50
1908.....	27,925	403	14.04	29,668	1,013	34.10	57,593	1,416	24.50
1907.....	27,470	433	15.75	29,899	968	32.30	57,369	1,401	24.42
1906.....	24,465	442	18.00	31,852	1,102	34.50	56,317	1,544	27.41
1905.....	24,435	440	18.00	31,797	1,056	33.50	56,232	1,497	26.60
1904.....	24,405	455	18.64	31,742	1,089	34.30	56,147	1,544	27.51
1903.....	24,375	426	17.47	31,689	1,041	35.80	56,064	1,467	26.15
1902.....	24,345	461	18.82	31,632	1,153	36.70	55,977	1,614	28.83
1901.....	24,315	477	19.60	31,577	1,149	36.40	55,892	1,626	29.09
1900.....	24,285	484	18.10	31,522	1,242	39.30	55,807	1,726	32.71
1899.....	24,255	526	21.60	31,466	1,277	40.50	55,721	1,803	32.35
1898.....	24,225	491	20.20	31,410	1,255	39.09	55,635	1,746	31.74
1897.....	24,195	447	18.03	31,355	1,143	36.70	55,550	1,590	28.62
1896.....	24,165	521	20.10	31,300	1,348	43.06	55,465	1,869	33.69
1895.....	24,135	540	20.20	31,245	1,297	41.50	55,380	1,837	33.11
1894.....	24,105	479	19.08	31,190	1,300	41.60	55,295	1,779	32.17
1893.....	24,075	535	22.02	31,135	1,284	41.30	55,210	1,819	32.94
1892.....	24,045	586	24.03	31,080	1,317	42.30	55,125	1,803	32.70
1891.....	24,015	553	22.05	31,025	1,371	44.00	55,040	1,924	34.95
1890.....	23,985	511	21.02	30,970	1,310	42.30	54,955	1,821	33.13
1889.....	23,857	516	20.30	30,599	1,431	46.80	54,496	1,947	35.72
1888.....	23,730	419	17.08	30,229	1,375	45.40	53,959	1,794	33.26
1887.....	23,603	549	23.03	29,859	1,316	44.00	53,464	1,865	34.88
1886.....	23,476	571	24.03	29,490	1,596	54.10	52,966	2,167	40.89
1885.....	23,348	487	20.80	29,121	1,250	42.90	52,469	1,736	33.10
1884.....	23,220	592	25.04	28,752	1,215	42.30	51,972	1,810	34.71
1883.....	23,092	540	24.02	28,383	1,286	45.60	51,475	1,826	35.45
1882.....	22,964	584	25.03	28,014	1,172	41.80	50,974	1,756	34.44
1881.....	22,836	651	28.05	27,645	1,292	46.70	50,481	1,943	37.14
1880.....	22,708	500	22.01	27,286	1,121	41.08	49,994	1,621	31.42
1879.....	22,708	517	22.76	27,286	1,075	39.39	49,994	1,592	31.84
1878.....	22,708	514	22.63	27,286	1,125	41.22	49,994	1,639	32.78
1877.....	22,708	555	24.44	27,286	1,258	46.10	49,994	1,813	36.26
1876.....	22,708	668	29.42	27,286	1,343	49.21	49,994	2,011	40.22
1875.....	22,708	624	27.47	27,286	1,240	45.44	49,994	1,864	37.28
1874.....	22,145	718	32.42	26,811	1,230	45.87	48,956	1,948	39.79
1873.....	22,145	507	22.87	26,811	1,009	37.64	48,956	1,516	30.94
1872.....	22,145	521	23.07	26,811	1,036	38.64	48,956	1,557	31.80
1871.....	22,145	714	32.24	26,811	956	35.28	48,956	1,670	34.11
1870.....	22,145	539	24.23	26,811	1,075	40.09	48,956	1,614	32.96
1869.....	20,353	453	22.74	24,570	819	33.33	44,923	1,272	28.31

The above population is reached by taking the actual census of 1880-1890-1900 as bases. Ascertaining the ten years' growth, one-tenth is added for each year. After 1900 the yearly growth for the past decade is used until 1907, when it is based on an actual census taken by the city.

INTRODUCTION.

CHARLESTON WEATHER FOR THE YEAR 1909.

The usual pleasant weather conditions prevailed at Charleston during the year 1909. No intense heat nor cold, no high winds, except squalls of short duration; very few fogs, no snowfalls, no hail storms and more than the usual amount of sunshine are the facts brought out by an examination of the weather bureau records.

Higher temperatures than usual prevailed during the months of January and February, averaging three and a half degrees above the normals, which are 50 and 52 degrees, respectively. Few light rains occurred, a deficit of 4.39 inches rain appearing at the close of February. No high winds occurred; the greatest velocity for both months being only 37 miles per hour.

The normal temperatures for the spring months are 58, 65 and 73 degrees, respectively, which are exactly equalled by the mean temperatures of March and April, but that for May was 1 degree less than the normal. Precipitation in the spring was one inch in excess of the amount which normally falls in that season. The highest velocity of wind, 39 miles per hour, occurred in both March and May.

The highest temperature recorded during the summer months was only 94 degrees, a record which compares favorably with neighboring cities, which, without exception, reported higher temperatures. The temperature given occurred on July 3d and August 17th. The mean temperature for June, 80 degrees, was somewhat above the normal; that for July and August, also 80 degrees, was about normal. The total precipitation for the summer months, 13.66 inches, while six inches below the normal, was distributed in such a way as not to interfere seriously with the crops. The highest wind velocity of the year occurred August 16th, when a squall of 50 miles per hour prevailed for five minutes from the northwest. The average wind velocity during the three months of summer was ten miles per hour.

September was cooler than usual; the average temperature being 74 degrees, the normal 76 degrees. The highest

temperature during the month was 90 degrees, recorded on the 1st; the lowest, 54 degrees, on the 29th.

October was delightful as to temperature; the highest, 81 degrees, occurred on the 11th; the lowest, 43 degrees, on the 25th. The mean temperature for the month was 65 degrees, two degrees higher than the normal.

November was also a pleasant month, with 83 and 38 degrees as the extremes of temperature. The mean temperature was 61 degrees, five degrees above normal. Rainfall for the autumn months, while two and a half inches less than normal, seemed sufficient for the growing crops. No high winds occurred during autumn, the highest velocities attained being 34 miles per hour, September 27th and November 6.

The lowest temperature in 1909 was recorded December 30th, the minimum for the day occurring near 8 A. M., when a reading of 18 degrees was made, the lowest since January 26, 1905, when the thermometer registered 17 degrees. The highest temperature during the month was 68 degrees, on the 13th.

The mean temperature for the month was 48 degrees, three degrees less than the normal. Precipitation during December was light, only 1.75 inches rain being recorded. Few high winds occurred in December, the highest velocity, 37 miles, prevailing on Christmas Day.

As previously stated, the year 1909 was, meteorologically speaking, a pleasant one. When conditions which have prevailed in other sections are considered, the frequent high winds of the Lake region, the hurricanes of the Gulf, the extreme temperatures of the interior, the highest humidity of adjoining cities, there can be but one conclusion as to the charm of Charleston's climate.

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MEAN MONTHLY TEMPERATURES SINCE 1871.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Annual.
1871.....	48	55	64	70	75	83	84	89	72	69	59	48	67
1872.....	45	52	66	76	76	81	85	82	78	65	54	46	65
1873.....	48	53	63	66	74	79	82	81	76	64	55	50	65
1874.....	51	51	60	66	72	81	79	78	75	66	58	52	66
1875.....	47	49	56	61	71	78	85	79	75	63	60	54	65
1876.....	56	55	56	65	71	80	84	82	77	62	56	44	66
1877.....	51	51	56	63	69	80	80	84	77	69	60	54	66
1878.....	50	52	62	68	74	78	83	83	77	67	57	49	67
1879.....	50	49	60	63	72	79	83	80	74	70	59	58	66
1880.....	58	56	63	67	73	80	83	81	75	65	55	48	67
1881.....	47	52	54	60	73	82	83	81	80	72	60	55	67
1882.....	55	57	62	67	71	80	82	82	77	70	56	48	67
1883.....	51	58	54	65	72	81	84	81	75	70	60	56	67
1884.....	47	61	61	64	76	76	82	79	77	72	60	53	67
1885.....	47	48	52	64	73	80	82	81	76	65	59	50	65
1886.....	43	48	54	63	73	78	80	79	77	67	58	49	64
1887.....	46	58	56	64	73	78	82	80	74	66	56	51	65
1888.....	51	55	55	67	73	79	80	81	75	66	58	48	66
1889.....	52	47	55	64	74	77	81	78	76	65	60	60	66
1890.....	59	61	56	65	73	82	80	80	76	68	62	51	68
1891.....	50	58	55	65	76	80	80	82	76	64	56	55	66
1892.....	48	53	55	64	72	78	80	82	75	66	57	52	65
1893.....	43	56	56	68	72	78	83	79	78	68	58	54	66
1894.....	53	53	61	65	72	77	79	80	78	68	57	52	66
1895.....	49	41	56	64	70	79	82	82	78	66	58	51	65
1896.....	48	52	56	66	77	79	82	81	77	67	63	50	66
1897.....	47	55	61	66	72	80	82	81	75	70	62	54	67
1898.....	55	50	62	63	75	80	81	81	78	68	57	51	67
1899.....	50	49	60	63	75	80	81	83	77	69	61	51	67
1900.....	50	49	56	66	74	78	83	84	80	70	62	51	67
1901.....	50	48	57	59	73	77	81	81	77	67	53	49	64
1902.....	47	44	57	62	75	80	83	80	75	69	63	52	66
1903.....	48	54	63	63	71	77	81	82	75	66	55	46	65
1904.....	45	49	51	62	72	77	80	80	77	67	57	50	65
1905.....	46	45	60	66	76	79	81	79	78	68	59	50	66
1906.....	51	49	56	66	73	80	80	82	80	66	59	52	66
1907.....	57	50	65	58	72	77	82	81	79	65	58	52	66
1908.....	49	48	62	69	74	78	81	80	75	65	61	56	67
1909.....	54	55	58	65	72	80	80	80	74	65	61	47	66
Normal.....	49	52	57	64	72	78	81	80	76	67	58	51	66

TOTAL MONTHLY PRECIPITATION SINCE 1871.

Year.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Annual.
1871.....	1.27	4.66	5.73	5.60	7.87	2.33	2.91	14.97	6.52	4.76	4.09	3.67	63.82
1872.....	3.78	5.13	9.78	2.46	6.30	1.87	2.30	7.81	7.88	3.89	3.40	2.46	57.06
1873.....	4.13	2.27	3.05	1.33	4.90	6.29	6.97	12.94	8.18	2.07	5.08	4.94	62.15
1874.....	3.51	10.45	3.45	2.95	5.50	2.29	13.74	7.06	6.66	1.85	2.11	2.94	62.51
1875.....	7.77	4.27	6.37	4.56	8.51	3.15	1.05	1.91	4.18	3.90	3.38	1.92	50.97
1876.....	0.63	2.43	2.54	4.93	3.77	14.98	11.26	5.10	11.26	14.32	1.35	5.85	78.42
1877.....	4.44	2.96	7.80	15.00	2.71	10.31	10.21	2.21	6.30	4.87	7.02	4.22	78.11
1878.....	7.83	3.15	1.94	9.08	6.32	5.47	12.10	10.73	8.28	3.98	3.18	5.38	77.44
1879.....	1.74	4.56	1.44	6.29	3.36	3.29	7.77	4.50	5.90	6.74	3.70	1.00	50.26
1880.....	2.15	3.97	2.01	3.65	0.90	2.18	5.77	3.07	4.89	9.19	5.50	3.41	46.69
1881.....	5.88	1.56	4.11	3.37	0.48	1.47	4.99	7.25	5.49	1.59	2.15	4.76	43.20
1882.....	1.69	1.09	5.96	2.72	1.82	9.12	5.35	9.32	5.85	6.56	3.54	3.99	57.01
1883.....	4.06	0.92	4.84	3.29	8.62	2.88	8.93	10.05	2.36	1.33	1.08	2.81	51.35
1884.....	5.89	4.29	4.39	3.45	2.18	8.25	9.52	6.12	11.03	0.35	1.49	2.36	60.22
1885.....	6.88	3.64	1.76	1.17	2.20	5.96	7.49	19.18	2.73	8.09	1.94	6.30	67.93
1886.....	5.64	2.13	2.60	1.19	1.00	10.78	4.16	3.28	3.03	0.01	0.33	1.79	35.94
1887.....	4.30	2.29	0.50	3.53	4.26	4.54	7.74	4.12	1.31	3.55	0.64	7.91	44.69
1888.....	1.95	3.64	3.64	1.38	5.82	3.14	6.06	4.01	5.33	4.83	7.54	2.12	49.46
1889.....	6.46	4.54	7.49	2.41	0.98	5.96	6.74	7.36	2.17	0.73	7.28	0.03	52.18
1890.....	1.28	1.28	1.72	2.58	3.67	1.32	12.87	5.16	11.89	4.64	0.42	1.01	47.84
1891.....	2.33	0.99	5.47	2.07	3.85	1.20	8.98	6.96	6.06	4.20	1.77	1.62	45.50
1892.....	4.00	1.54	2.84	0.51	3.03	10.32	10.33	4.73	11.77	0.75	0.98	2.52	53.32
1893.....	3.22	2.97	3.07	1.16	3.36	16.50	4.65	15.53	7.10	7.51	1.36	4.56	70.99
1894.....	1.71	3.01	1.78	0.53	3.47	3.38	11.28	12.11	10.94	4.12	3.14	0.44	56.81
1895.....	7.68	4.47	5.22	4.21	5.63	4.25	6.46	5.08	6.94	0.77	2.44	2.03	55.18
1896.....	4.34	4.04	3.64	0.71	0.52	7.57	10.58	4.72	2.75	1.38	1.77	5.76	47.78
1897.....	0.84	7.61	4.39	1.89	1.20	5.47	9.42	7.34	2.61	7.04	0.50	2.35	50.65
1898.....	0.19	0.51	1.71	2.48	0.64	4.68	12.99	11.34	1.49	3.44	4.63	2.32	46.42
1899.....	2.84	4.82	1.60	3.65	3.31	3.29	5.11	8.66	1.77	3.48	4.95	0.85	44.31
1900.....	3.10	2.31	3.51	3.42	1.38	6.29	1.59	0.40	2.34	4.63	4.48	4.65	38.10
1901.....	2.25	3.58	2.40	1.64	4.30	4.15	5.33	4.95	0.40	0.86	0.79	1.85	32.70
1902.....	0.45	2.92	4.36	1.03	1.43	1.82	6.79	3.04	3.73	3.37	4.05	4.23	37.22
1903.....	5.17	2.07	3.44	0.96	4.85	4.64	3.23	10.83	2.36	2.30	1.20	1.81	42.86
1904.....	3.49	3.57	1.54	0.17	1.46	3.82	6.36	6.62	3.17	4.75	1.85	1.08	37.88
1905.....	1.32	3.67	2.50	2.30	4.33	2.43	5.70	2.63	2.16	2.63	0.94	4.24	34.85
1906.....	3.65	2.08	2.32	1.17	2.91	4.75	8.68	7.87	3.31	4.67	0.38	1.83	43.62
1907.....	0.88	1.61	1.01	3.72	2.98	4.58	2.53	5.04	2.73	1.53	1.22	4.08	31.71
1908.....	2.49	3.15	2.16	4.92	2.01	2.70	2.80	4.88	1.06	1.55	2.75	1.94	31.41
1909.....	0.61	1.86	5.89	3.58	1.54	1.64	4.17	7.85	5.35	2.00	2.44	1.75	38.68
Normal..	3.45	3.41	3.72	2.99	3.47	5.39	7.26	6.97	5.46	3.93	2.87	3.15	52.07

R. Q. GRANT,

Local Forecaster.

REPORT OF BUREAU OF FREIGHT, IMMIGRA-
TION AND STATISTICS

OF THE CITY OF CHARLESTON, S. C.
FOR THE YEAR 1909

Charleston, S. C., January 18, 1910.

*To the Honorable the Mayor and Aldermen
of the City of Charleston:*

Gentlemen—We beg to submit herewith the Fifteenth Annual Report of the Bureau of Freight, Immigration and Statistics for the calendar year ending December 31st, 1909.

The conduct of the work of the Bureau in this Annual Report is classified as follows:

1. Organization.
2. Relation with Carriers.
3. Claim Department.
4. Revising Freight Expense Bills and Prepaid Bills of Lading.
5. Statistics.
6. General Subjects.
7. Expenses.

ORGANIZATION.

The organization for this year has undergone only one change, and it was the sad duty of the Board to record on its minutes the loss of one of its valued members, Mr. E. H. Fincken, Commissioner from the City Council, who passed from this life on August 4, 1909.

At a meeting of the Board on October 13, 1909, out of the respect and high regard in which he was held, the Board of Commissioners passed the following preamble and resolutions:

"WHEREAS, our Board has again suffered a severe loss in the death of one of its members, being the third since the organization of the Bureau.

On Wednesday, August 4, 1909, Mr. E. H. Fincken, Vice-chairman, and one of our most esteemed and useful members, passed away. For several years he had been a representative on this Board from the Board of Aldermen of the City of Charleston, S. C., and always gave the most active and effective service in the interests represented, and his absence and keen interest in the affairs of our Board and the people of this city will be felt by his associates in this work:

Therefore, be it

RESOLVED, That in the death of Mr. Fincken this Board has lost one of its most valued members, whose place it will be most difficult to supply;

RESOLVED FURTHER, That a copy of this preamble and resolution be published in the daily papers of this city, and the original be sent to the family of Mr. Fincken, and the heartfelt sympathy of the Board extended."

At a meeting of the City Council of Charleston, S. C., held on October 26, 1909, Alderman M. V. Haselden was appointed to fill the vacancy on this Board caused by the death of its esteemed member, Mr. E. H. Fincken.

The personnel of the Board of Commissioners is now composed as follows:

G. WALTER McIVER, Chairman,
Charleston Clearing House Association.

A. C. TOBIAS,
Merchants' Exchange.
A. J. GEER,
Commercial Club.
F. S. HANCKEL,
Cotton Exchange.
B. F. McLEOD,
Chamber of Commerce.
T. S. WILBUR,
Mfgs., Jobbers' and Bankers' Assn.
M. V. HASELDEN,
I'ON L. RHETT,
City Council.

The following are the standing committees of the Bureau,
and the members of same :

COMMITTEE ON PACKAGE FREIGHT.

B. F. McLEOD, A. C. TOBIAS,

COMMITTEE ON CLAIMS.

A. J. GEER, Chairman, F. S. HANCKEL.

COMMITTEE ON RATES.

A. C. TOBIAS, Chairman, B. F. McLEOD,
G. W. McIVER, A. J. GEER,

COMMITTEE ON SCHEDULES.

I'ON L. RHETT, Chairman, G. W. McIVER.

COMMITTEE ON IMMIGRATION.

B. F. McLEOD, Chairman, A. C. TOBIAS,
I'ON L. RHETT, G. W. McIVER,

RELATION WITH CARRIERS.

THE relations of this Bureau with the transportation companies serving this port have been good, and no friction has arisen in the handling of the many questions that have been handled.

During the year the Clyde-Mallory Steamship Line have established a line of steamers to operate between the ports of Boston, Mass., and Galveston, Tex., making Charleston, S. C., a "port of call" for this line, both north and southbound. This will result in direct steamer connection between Charleston, S. C., and Galveston, Tex., and thereby making it possible for this city to be the port of distribution for interior shipments destined to Galveston, Tex., and other points in the west reached through Galveston, and also from other western points via Galveston to Charleston and interior points contiguous to this city. The management of this line have given their assurance to a committee representing the commercial organizations of Charleston, and the manager of this Bureau, that they will give this city the benefit of the full service of this line, and will also give us full recognition in any readjustment of rates that may be brought about by the establishment of this new line, and we have every reason to believe that it will result in great benefit to this city and this State.

The prospects are also bright for the development of additional transportation facilities by the opening of the Norfolk & Western and Atlantic Coast Line's new route from the West, which is now under construction and bids fair to be completed before the year ending 1910.

While no definite announcement has yet been made that Charleston will be made the South Atlantic port of the Carolina, Clinchfield & Ohio Railroad, there are many conditions existing that indicate that this will be the port that will ultimately be made their South Atlantic terminus.

The readjustment of rate conditions on canned goods, rice and other commodities has been under consideration with both the Southern Railway and Atlantic Coast Line Railroad during the past year, and some of them have been

readjusted and others still under consideration with a view of readjustment.

The fertilizer rates within the State of South Carolina have been under consideration before the Railroad Commission of South Carolina during 1909, and have been reduced on the Southern Railway and Atlantic Coast Line Railroad, and are still under consideration as regards the Seaboard Air Line Railway.

This Bureau has also prepared figures for presentation to the Railroad Commission of South Carolina regarding the rates on lumber, shingles and crossties within the State of South Carolina, and a petition was prepared and filed and signed by twelve of the lumber, shingles and crosstie dealers and manufacturers of this and other points within the interior of this State. The Railroad Commission has appointed Wednesday, January 12th, as the date of hearing. This petition has been prepared and everything is in readiness to be presented in proper form for the petitioners.

CLAIM DEPARTMENT.

A number of business houses have availed themselves of the use of this department, though the amount involved in settlement has been much less than 1908; indicating an improvement in the service of the carriers. We have handled four hundred and forty-one claims during this year, of which three hundred and thirty-seven have been settled, leaving one hundred and four in our hands in the course of adjustment.

The claims adjusted during the year 1909 amounted to \$4,664.12.

REVISING PAID FREIGHT BILLS AND PREPAID BILLS OF LADING.

The Bureau have offered the services of this department for several previous years, and some of the merchants have availed themselves of its use. The results have been

the means of considerable saving in overcharges, and we again tender the services of this department to any desiring to make use of it.

STATISTICS.

Comparative statement of tonnage (in pounds) *received* at Charleston, S. C., (proper) during the calendar years 1905, 1906, 1907, 1908 and 1909, via Southern Railway, Atlantic Coast Line Railroad, Clyde Steamship Company, Baltimore & Carolina Steamship Company and Southern Steamship Company:

ARTICLES.	1905	1906	1907	1908	1909
Agricultural Implements.....	1 097 400	583 900	772 385	694 200	818 900
Bagging.....	4 992 000	8 859 100	13 608 800	6 373 400	3 840 600
Bananas.....	000	000	63 900	1 130 700	179 100
Boots & Shoes.....	2 454 700	2 388 300	2 209 700	1 912 200	2 015 700
Bran.....	1 398 300	2 675 800	3 424 200	1 498 900	2 403 300
Butter.....	1 076 510	953 500	964 000	1 180 500	1 176 400
Canned Goods.....	8 598 600	5 186 500	11 330 944	9 732 500	11 959 100
Cement, Brick & Lime.....	46 004 000	41 059 000	49 009 500	52 322 600	55 830 000
Coal & Coke.....	103 541 200	156 093 000	123 111 100	135 840 600	132 142 100
Coffee.....	2 193 700	2 314 400	2 124 200	1 709 500	1 907 200
Cotton Fact. Prods.....	4 870 100	3 560 600	1 526 695	1 757 300	1 464 700
Cotton.....	No Record	No Record	No Record	No Record	71 968 485
Cotton Seed.....	25 312 800	27 538 800	21 666 500	35 669 900	31 566 200
Cotton Seed Hulls & Meal.....	8 512 800	4 529 100	18 771 300	10 475 200	13 370 000
Cotton Seed Oil.....	10 240 100	803 400	10 334 300	5 092 600	9 478 100
Cotton Ties.....	1 637 500	2 540 100	1 308 200	707 700	3 636 600
Fertilizer.....	34 789 400	45 431 600	57 592 285	55 849 900	37 939 400
Flour.....	19 483 900	17 649 500	21 381 860	20 063 300	24 436 100
Grain.....	29 125 000	35 571 400	46 620 500	32 035 500	34 129 000
Grits.....	15 603 300	18 055 400	18 555 100	18 600 300	18 473 700
Hay.....	12 127 600	15 579 700	15 643 570	12 243 000	12 275 700
Iron Articles.....	20 796 900	22 553 200	25 482 989	21 312 000	28 343 500
Lard.....	2 383 300	2 732 600	3 734 400	3 194 000	4 460 600
Live Stock.....	6 823 700	6 571 800	6 744 300	7 354 900	6 995 700
Lumber, Logs, & Forest Products.....	143 913 700	175 540 300	204 190 440	159 979 400	152 301 100
Machinery.....	2 505 800	2 356 040	4 147 200	3 733 700	2 600 800
Marble & Stone.....	128 709 800	24 044 000	41 823 100	61 806 600	65 241 100
Meal.....	2 216 200	2 438 300	5 136 960	3 444 700	3 571 600
Meat.....	23 337 900	20 854 600	20 796 950	22 426 000	20 719 100
Melons.....	5 282 400	3 734 800	4 601 200	5 275 600	4 582 900
Miscellaneous.....	110 265 180	120 750 530	122 831 644	127 412 000	116 461 000
Molasses.....	1 275 600	839 400	1 850 500	1 781 100	1 431 000
Naval Stores.....	1 755 400	1 633 000	2 678 300	2 934 200	2 184 500
Oranges & Lemons.....	2 375 800	2 147 200	1 888 580	2 692 200	2 973 300
Ore: Incl Pyrites and Barytes.....	1 337 800	31 500	8 026 700	4 541 500	2 137 300
Petroleum Prods.....	505 100	1 769 900	3 211 740	2 693 700	4 840 600
Phosphate Rock.....	138 212 980	116 181 800	147 065 000	226 896 000	207 768 200
Pig Iron.....	392 800	57 200	556 800	488 600	544 300
Rice.....	28 895 800	20 372 850	24 724 300	26 047 700	30 311 400
Salt.....	1 175 900	1 309 100	1 492 100	1 464 100	1 248 300
Starch.....	1 528 000	1 377 600	2 393 400	2 710 400	3 890 100
Sugar.....	32 211 250	35 802 675	43 429 300	37 195 300	51 774 100
Vegetables.....	11 936 100	10 697 530	11 078 560	10 121 400	11 796 500
Total.....	1 101 795 920	969 367 825	1 107 113 272	1 141 389 900	1 197 177 495

Comparative statement of tonnage (in pounds) *forwarded* from Charleston, S. C., (proper) during the calendar years 1905, 1906, 1907, 1908, 1909, via the Southern Railway, Atlantic Coast Line Railroad, Clyde Steamship Company and Baltimore & Carolina Steamship Company:

ARTICLES.	1905	1906	1907	1908	1909
Agricultural Implements.....	139 000	27 000	60 200	26 100	99 900
Bagging.....	12 554 700	13 670 800	10 283 100	17 841 300	17 459 300
Bananas.....	0 000	10 129 400	15 392 240	9 415 300	15 778 200
Boots and Shoes.....	1 560 314	1 569 800	1 234 270	970 200	1 317 000
Bran.....	2 116 700	1 220 500	2 297 000	1 484 600	1 727 500
Butter.....	46 000	1 400	9 970	6 500	11 000
Canned Goods.....	5 849 465	5 002 400	4 581 010	7 219 800	12 103 300
Cement, Brick and Lime.....	59 655 050	65 960 700	44 988 300	41 659 100	78 438 700
Coal and Coke.....	32 891 940	50 671 100	33 505 900	29 292 000	18 627 700
Coffee.....	2 420 020	2 735 000	1 925 565	1 355 800	2 270 200
Cotton.....	No Record	No Record	No Record	No Record	14 892 093
Cotton Fact Products.....	3 407 165	3 055 900	2 406 480	933 400	1 207 700
Cotton Seed.....	809 800	666 800	465 200	1 369 800	844 500
Cotton Seed Hulls and Meal.....	4 351 200	13 691 000	7 173 000	17 756 600	18 927 400
Cotton Seed Oil.....	13 661 700	4 600 600	12 705 700	11 437 100	13 289 000
Cotton Ties.....	1 133 100	1 261 000	1 166 700	1 907 300	2 907 600
Fertilizer.....	639 011 060	839 416 670	740 396 851	825 248 700	870 517 800
Flour.....	6 082 500	8 192 800	9 701 590	7 456 400	12 347 200
Grain.....	7 182 620	16 073 400	20 360 488	12 947 800	12 205 100
Grits.....	4 138 400	7 607 590	8 430 200	7 268 800	8 567 200
Hay.....	1 939 200	5 197 500	4 343 900	2 718 900	2 985 700
Iron Articles.....	10 339 500	11 719 000	14 057 345	9 213 600	16 458 600
Lard.....	1 265 200	1 714 500	1 409 695	1 197 000	1 930 700
Live Stock.....	1 371 000	1 837 100	1 162 300	1 576 600	1 557 100
Lumber, Logs and Forest Prods.....	25 983 650	43 447 200	62 790 700	52 006 500	67 984 600
Machinery.....	1 353 100	629 500	1 535 100	768 000	1 520 900
Marble and Stone.....	1 167 300	84 600	609 100	248 300	638 600
Meal.....	801 700	677 600	1 976 650	1 095 500	1 565 100
Meat.....	6 035 249	6 063 700	5 299 184	5 012 100	5 354 800
Melons.....	180 500	68 100	127 900	71 000	138 900
Miscellaneous.....	96 941 312	131 186 148	155 424 751	104 668 900	95 376 069
Molasses.....	218 100	217 200	555 545	285 200	308 400
Naval Stores.....	4 515 800	5 998 200	4 923 900	5 045 500	3 749 500
Oranges and Lemons.....	367 200	494 700	333 710	312 400	273 500
Ore: Incl. Pyrites and Barytes.....	45 211 500	62 394 300	43 069 100	67 562 100	95 608 600
Petroleum Products.....	11 482 400	11 623 200	12 959 240	14 574 200	18 310 300
Phosphate Rock.....	75 285 800	120 645 828	113 856 600	141 315 800	150 005 200
Pig Iron.....	0 000	1 200	0 000	0 000	0 000
Rice.....	28 881 150	18 949 000	20 264 680	20 857 900	21 818 300
Salt.....	18 166 600	18 140 400	11 907 100	10 124 200	15 724 600
Starch.....	927 100	676 400	1 132 000	2 292 800	2 658 800
Sugar.....	24 718 400	28 720 000	36 271 510	33 639 300	39 797 400
Vegetables.....	66 712 374	69 453 507	37 874 030	41 772 600	56 457 800
Total.....	1 220 814 869	1 585 482 543	1 448 966 784	1 512 054 600	1 704 806 862

Comparative statement of tonnage (in pounds) *received* at and *forwarded* from Charleston, S. C., (proper) during the calendar years 1908, 1909, via steamers and sailing vessels not included on the regular lines:

RECEIVED.

ARTICLES.	WEIGHT.	
	1908.	1909.
Asbestos.....	.....	306,900
Brick.....	12,167,900	15,335,400
Burlaps.....	309,650	.....
Butts—Jute.....	7,419,200	8,532,400
Canned Goods.....	5,291,300	7,250,000
Cement.....	38,309,900	85,522,500
Coal.....	175,967,720	183,969,660
Coffee.....	1,320,000	1,386,600
Cotton Ties.....	1,125,000	.....
Fertilizer Material	394,180,915	365,166,280
Flour.....	40,000	.....
Grain.....	80,000	.....
Lumber, Logs & Forest Prods..	3,428,100	3,579,900
Ore: Incl. Pyrites & Barytes.....	148,463,015	180,387,600
Petroleum Prods.....	11,701,882	20,613,800
Rice.....	12,875,192	19,011,900
Salt.....	12,122,100	22,385,600
Sugar.....	8,208,582	.....
TOTAL.....	833,010,456	911,448,720

FORWARDED.

ARTICLES.	WEIGHT.	
Cotton.....	No record	65,730,147
Cotton Seed Meal.....	600,000	.....
Fertilizer.....	454,000	4,428,000
Lumber, Logs & Forest Prods..	162,953,136	226,719,552
Ore: Iron.....	.....	19,984,500
Phosphate Rock.....	7,483,840	.....
TOTAL.....	171,490,976	316,862,199

A comparison of the total freight received by the rail lines and steamship lines operating on regular schedules

shows a marked increase for the year 1909 over the four previous years.

As the cotton tonnage receipts are shown in the total receipts of 1909, and do not show in the four previous years, the cotton tonnage for 1909 has been deducted from the total before making the average. The increase of 1909 over the average of the four previous years make the net total of freight received at Charleston, S. C., 55,392,279 pounds greater than the average tonnage (in pounds) for the four previous years.

The tonnage forwarded from Charleston, S. C., for the years 1905, 1906, 1907, 1908 average 1,441,829,699 pounds. Cotton tonnage not being given in the tonnage of the years 1905, 1906, 1907, and 1908, we have deducted this tonnage (14,892,093 pounds) from the total tonnage of 1909, and it shows a net increase of 248,085,173 pounds over the four previous years.

The tonnage movement over steamers and sailing vessels not included in the regular lines has only been kept of record for two years. The foregoing table shows an increase in the tonnage received of 78,447,264 pounds, and in the tonnage forwarded, an increase of 145,371,223 pounds.

GENERAL SUBJECTS.

Letters of inquiry regarding business locations and business conditions and for statistical data are coming to the Bureau, and this indicates that the progress of this city is coming to be known in other parts of the country, attracting these inquiries for information as to business conditions.

The Bureau is now well equipped with a full set of the current tariffs and classifications in use in this territory, and will cheerfully furnish any information desired.

EXPENSES.

Following is an itemized statement of expenses of the Bureau of Freight, Immigration and Statistics of the City of Charleston, S. C., for the calendar year ending December 31, 1909:

Salaries	\$ 4,630 00
Legal expenses	300 00
Railroad expenses, etc.	160 75
Telephone	42 00
Office rent	204 00
Current fan	13 00
Stamps	65 00
Printing and stationery	50 17
Ice	12 00
Incidentals	134.30
<hr/>	
TOTAL.....	\$ 5,611 22

The Chairman and Board of Commissioners of the Bureau have rendered every assistance possible toward the successful operation of same, and the Manager is deeply sensible of their hearty support.

Respectfully submitted,

H. R. JACKSON, *Manager.*

Endorsed by the Board—

G. WALTER McIVER, Chairman,
Charleston Clearing House Assn.

A. C. TOBIAS,
Merchants' Exchange.

A. J. GEER,
Commercial Club.

F. S. HANCKEL,
Cotton Exchange.

B. F. McLEOD,
Chamber of Commerce.

M. V. HASELDEN,
City Council.

JOHN L. RHETT,
City Council.

T. S. WILBUR,
Chas'n Mfgs., J'bs.' & B'krs.' Assn.

REPORT OF THE BOARD OF PARK COMMISSIONERS

To the Honorable The Mayor and City Council:

Gentlemen—The Board of Park Commissioners would present this their Fourteenth Annual Report for the fiscal year ending December 31, 1909, together with the report of the Superintendent of Parks and the receipts and expenditures of the Board, vouchers for the same being on file with the City Treasurer.

ROADWAY CHICORA PARK.

In accordance with the resolution of City Council, the Board have contracted for a roadway from Cosgrove Avenue to Navy Yard gate, the same being necessary for the removal of the Burton Lumber Co. right of way, on lands of Chicora Park sold by City Council to the United States Government for the erection of the Marine Barracks, and the same is in course of construction.

UPPER WARDS PARKS.

The usual care and attention has been given these parks as more fully set out in the Superintendent's report, and in connection with the Junior Civic League the land purchased between the Mitchell School and Rutledge Avenue

is being laid out as a playground. Especial attention has been given to Lucas Street Park, opposite the Roper Hospital, this park having been filled to a level, a cement curb placed around it, walks laid out and trees planted.

LOWER WARDS PARKS.

These parks have been maintained and improved and the east sea wall at the Battery placed in good repair, bandstand painted and repaired. At Cannon Park the grade has been raised to conform to the new street grade, and new curb and walk constructed on Bennett Street, and also on north side of this park.

HAMPTON PARK.

A riverside drive has been opened at Hampton Park, and sufficient funds are requested to cement gravel this drive. Extensive repairs have been made on the buildings of this park, and many trees and shrubs planted. The wall around the Sunken Garden will be completed the coming year; the material therefor having been secured, the only expense will now be the labor.

SHADE TREES AND GRASS PLOTS.

Principal attention has been given to Calhoun and Broad Streets, also to Rutledge Avenue. Broad Street—the grass plot has been planted and 76 elm trees set out; Calhoun Street—84 Palmetto trees have been set out and the grass plot will be planted the coming year, as on account of the large amount of filling required the planting could not be done the past year to advantage; Rutledge Avenue—on this avenue 200 oaks have been set out. On other streets a large number of condemned trees replaced with new trees, and many additional trees planted.

MUSIC.

The concerts given on the Battery were greatly appreciated, as was evident by the large attendance. Thanks are

due to the Charleston Consolidated Railway, Gas & Electric Company for their liberality in contributing towards the expense of the music.

FINANCIAL.

The first payment, of \$1,500, has been made on the Mitchell School playground, and an appropriation will have to be made for the deferred payments as they become due, together with the interest on the bond. Shade trees and grass plots cost the past year \$2,213.98, and will require to extend and improve an appropriation of not less than \$2,000 per annum. For the new roadway, Chicora Park, an appropriation for 1910 of \$3,500 is asked for, as the appropriation for 1909 (the contract not being completed) was turned back into the City Treasury, (\$500.—)! The cash receipts of the Board for 1909 were \$984.50, which was paid to the City Treasurer and placed to the credit of the General Income Account of the city.

The total expenditures of the Park Department for 1909 was \$14,965.07, which included the payment of \$1,500 and interest on the Mitchell School playground, together with shade trees and grass plots, and park improvements, and maintenance proper. Distribution being: Parks—improvement and maintenance, \$10,921.09; shade trees and grass plots, \$2,213.98; playground, \$1,830.00; total, \$14,965.07. Less cash receipts (though not available for park purposes) being net, \$13,980.57.

All of which is respectfully submitted,

SAMUEL LAPHAM, *Chairman,*

A. A. KROEG, *Secretary.*

GENERAL APPROPRIATION BY CITY COUNCIL.

Salary of Superintendent	\$ 1,000.00
Salary of Secretary	300.00
Care, labor and police	7,500.00
Maintenance and improvements	2,700.00
Planting trees and maintenance on streets.....	2,500.00
Music on Battery, Lake and Mall.....	500.00
Purchase of new play ground	1,500.00
Total.....	<u>\$16,000.00</u>

Special Appropriations:

For interest	\$ 330.00
Chicora Roadway	500.00
	<u>830.00</u>
	<u>\$16,830.00</u>

EXPENDITURES FOR THE YEAR 1909.

Hampton Park	\$ 5,333.06
Chicora Park	71.68
Upper Wards Parks	1,760.87
Lower Wards Parks	2,028.35
Shade trees and grass plots	2,213.98
Administration	1,727.13
Purchase of new play ground	1,500.00
Interest on bond given for balance due on new play ground	<u>330.00</u>
Total.....	<u>\$14,965.07</u>
Covered into City Treasury to Gen'l Income %	1,864.93
	<u>\$16,830.00</u>

CASH RECEIPTS

PAID TO CITY TREASURER.

June 30, 1909, for labor by park hands at Wm. Enston Home	\$ 11.00
Sept. 27, 1909, sale of boiler, pump and valves at Chicora Park	100.00
Oct. 22, 1909, rent of Rhett Farm	873.50
Total.....	<u>\$984.50</u>

HAMPTON PARK:

Care, Labor, Police, etc.	\$ 3,412.86
Maintenance—labor, cartage, painting Band Stand signs, 1 cart, lumber, hardware, paint, fertilizers, \$1,320.48	
Trees, plants, seeds and bulbs.....	209.36
Improvements—digging and hauling cobble stones, toilet in cottage, and purchase of swans and geese	342.36
Incidentals—insurance, car tickets, etc.	48.00
	<u>1,920.20</u>
Total.....	\$ 5,333.06

CHICORA PARK:

Advertising for bids	\$ 2.70
Advertising for bids for Roadway	4.08
One-half cost of cement walk	52.50
Recording papers	12.40
	<u>\$ 71.68</u>

UPPER WARDS PARKS:

Hampstead Mall, Aiken Park, Flynn's Church Grounds, Lucas Street Park and Mitchell School Play Ground—care, labor, etc.....	\$ 894.25
Maintenance—hardware, lumber, paint, cartage, repairs and painting Band Stand on Mall; painting fence at Flynn's Church.....	268.50
Improvements—filling for Lucas Street Park and cement curbing for said park	573.12
Incidentals—papers for Mitchell School play ground	25.00
	<u>\$ 1,760.87</u>

LOWER WARDS PARKS:

Battery, Washington Square and Cannon Park— care, labor, etc.	\$ 942.51	
Maintenance—cartage, lumber, paint, electric light, repairs to Battery wall, and repairs to Band Stand	863.40	
Trees and plants	103.67	
Improvements—at Cannon Park	118.77	
		\$ 2,028.35

SHADE TREES AND GRASS PLOTS

Care, labor, etc.	\$ 651.33	
Maintenance—planting trees, cartage, hardware, tools, purchase of trees, slats and links.....	988.07	
Trees and grass	574.58	
		\$ 2,213.98

ADMINISTRATION:

Salary of Superintendent	\$1,000.00	
Salary of Secretary	300.00	
Car tickets for Superintendent, printing, station- ery, advertising for bids, postage, trip of Super- intendent to Augusta	192.13	
Music	235.00	
		\$ 1,727.13

SPECIAL APPROPRIATION:

For Mitchell School play ground	\$ 1,500.00	
Interest on Bond	330.00	
Total expenditures	\$14,965.07	

January 1, 1910.

*Board of Park Commissioners,
Charleston, S. C.*

Gentlemen: I herewith respectfully submit the list of work done in the various parts of the city during the year of 1909.

HAMPTON PARK.

The opening of Riverside Drive, and placing 12-inch pipe drain on north side, and 6-inch drain on west end of drive.

The repairing and painting of Band Stand, and placing of brick pillars under same.

The relaying of walk, new trellis, and brick curb around flower beds in the Sunken Gardens.

Rebuilding of fence with brick curb and sand pit connecting to main drain on the Dunneman line of this park. Repairing fence on south side, and new fence on west driveway.

Repairing of Cottage and putting in toilet closet; swing repaired, brick pillars placed under shed and barn, and benches painted and repaired, and whitewashing buildings, and tarring roof of sheds.

Painting carts, water barrel, hay rake, etc.

Two brick basins for young ducks, and pen for swans.

Planting of elm trees on both sides of drive: pecan, walnut, chestnut and hickory nut trees; 12 of each.

One hundred rose bushes.

Three dozen dahlias.

Five large Azalea plants.

Twenty-five fig trees.

One dozen different shrub trees.

One dozen Azalea plants.

1,500 citrus trifoliata for hedge, north side of park.

2,000 hyacinth bulbs.

2,000 Narcissus bulbs.

Four weeping willows.

Removing of mulberry trees from main avenue, umbrella trees from different walks at park, and cedar trees to different parts of park.

CANNON PARK.

Shell walk, south side; new curb and shell walk north side, and new curb on Bennett Street side of this park.

300 loads of filling distributed on this park, and eight palmetto trees and fifteen oaks planted.

LUCAS STREET PARK.

New shell walks and concrete curb around this park.

300 loads of filling distributed on this park, and 19 elm trees planted.

AIKEN PARK.

Fence repaired and shell walk relayed.

FLYNN'S CHURCH.

The fence around the same painted.

HAMPSTEAD MALL.

Band Stand painted and repaired.

Walks and benches put in good order.

Twenty-six cedars and thirteen elm trees planted, and two dead oaks removed.

WASHINGTON SQUARE.

Wall around park, iron fence around monument painted, and all benches repaired.

THE BATTERY.

Band Stand repaired and painted, and sea wall on east side put in good condition.

Palmetto and other trees and shrubs planted.

SHADE TREES AND GRASS PLOTS.

The grass plots on Broad Street planted, and 76 elms set out.

Trees planted on the following streets, viz.:

Rutledge Avenue, 200 oaks.

Calhoun Street, 84 palmetto trees.

Church and Water Streets, 2 palmetto trees.

Church and Water Streets, 2 elms.

Ashley Avenue, 39 elms.

Logan street, 5 elms.

Queen Street, 5 elms.

Montague Street, 5 elms.

The placing of new boxes around all trees on Rutledge Avenue, north of Line Street, and other streets just planted.
125 condemned trees removed from the streets.

IN CONCLUSION.

I present herewith the list of property of the Park Department :

W. H. CROGHAN, *Supt.*

PARK DEPARTMENT PROPERTY.

Hampton Park.

3 Horses.	3 Watering pots.
2 Dump carts.	1 Pickaxe.
1 Water cart.	1 Axe.
1 Mowing machine, new.	2 Hatchets.
2 Mowing machines, old.	4 Mattocks.
3 Sets harness.	3 Spades.
1 Road machine.	36 Shovels.
1 Cutaway harrow.	4 Pruning shears.
1 Horse rake.	1 Combination ladder.
1 Stone roller.	230 Benches.
18 Wheelbarrows.	20 Chairs.
2 Crowbars.	One lot barb wire.
1 Lawn mower.	One lot fence wire.
1 Sprayer.	2 Corn bins.
6 Buckets.	4 Brooms.
2 Scythes.	6 Paint and Whitewash
1 Grindstone.	brushes.
1 Vise.	1 Police uniform.
1 Anvil.	1 Shotgun.
4 Saws.	1 Lighter.
1 Set carpenter's tools.	1 Bateau.
1 Pipe wrench.	2 Plows.
100 Ft. garden hose.	4 Hay forks.
2 Lanterns.	6 Hoes.
1 Cultivator.	12 Rakes.

2 Swans, white.	50 Pigeons.
2 Swans, black.	56 White ducks.
2 Egyptian geese.	

Lower Wards.

1 Stepladder.	2 Pruning shears.
1 Extension ladder.	2 Mattocks.
2 Lawn mowers, new.	2 Rakes.
2 Lawn mowers, old.	3 Wheelbarrows.
4 Spades and shovels.	200 Ft. garden hose.
2 Saws, new.	2 Brooms.
2 Saws, old.	2 Watering pots.
4 Hoes.	2 Scythes.

Upper Wards.

1 Extension ladder.	1 Spade.
2 Lawn mowers.	2 Pruning shears.
2 Wheelbarrows.	2 Saws.
1 Stepladder.	1 Scythe.
2 Rakes.	2 Buckets.
2 Hoes.	2 Brooms.

Shade Trees and Grass Plots.

1 Extension ladder.	8 Spades and shovels.
2 Saws.	3 Axes.
100 Ft. 1-inch rope.	3,000 Laths for boxes.
1 Single ladder.	8,000 Links for laths.
2 Shears.	1 5-gal. oil can.
1 Pick.	300 Stakes for trees.
1 Mattock.	100 Ft. garden hose.

MARION SQUARE.

January 10, 1910.

*To the Honorable the Mayor and City Council,
Charleston, S. C.*

Gentlemen:

The Commissioners of Marion Square beg to submit below the account of expenditures for the year 1909. In their application for the appropriation for the ensuing year, they have asked for a sufficient sum to properly care for the grass and trees of the Square, to plant a number of additional palmettoes on the line in front of the Citadel, and to pave the area around the flagpole in front of that building.

EXPENDITURES FOR MARION SQUARE.

1909.

To Appropriation for Marion Square	\$ 500.00	
Paid for repairs to Calhoun Street.....	\$ 44.04	
" for horse-mower for Square	25.00	
" for horse hire, cutting grass	19.50	
" for repairs to mower	5.09	
" J. Whalen, salary, as keeper of Square.....	400.00	
Balance unexpended	6.37	
		<hr/>
	\$ 500.00	\$ 500.00

Very respectfully,
O. J. BOND,
Chairman Marion Square Commission.

REPORT OF THE BOARD OF COMMISSIONERS
OF THE COLONIAL COMMON AND ASHLEY
RIVER EMBANKMENT.

Charleston, S. C., January 5, 1910.

*To the Honorable the Mayor
and City Council, Charleston, S. C.*

The Board of Commissioners of Colonial Common and Ashley River Embk. beg leave to submit their annual Report for year ending December 31, 1909:

To Balance cash in hand Jan. 1, 1909.....	\$ 2,122.58
To amts. from rent on Jan. 1, 1909.....	1,000.00
To interest on deposits in savings bank, Jan. 1, 1909	80.00
To amts. from reclaimed boats by owners, Jan. 1, 1909	4.00
	<hr/> \$ 3,206.58

EXPENDED IN 1909.

By extra lights on Rutledge Street Lake, for four months (now discontinued)	\$ 79.60
By repairs to asphalt walks, etc., and material.....	274.93
By repairs, tools, painting, etc., and material for same	160.72
By labor, etc.—Cutting grass and keeping lawns, etc., in order	480.75
By earth filling	83.90
By Adv. \$5.52; stamps, envelopes, etc., \$2.00.....	7.52
	<hr/> \$1,087.42

BALANCE JANUARY 1, 1910.

In savings bank, Miners & Merchants	\$2,000.00
In general department, Miners & Merchants Bank..	119.16
	<hr/> \$3,206.58

Very respectfully,
C. A. CHISOLM,
Chairman Board C. C. and A. R. Embk.

REPORT OF THE BOARD OF WATER COMMISSIONERS.

To his Honor the Mayor and City Council.

Gentlemen:

The Board of Water Commissioners would respectfully report that their duties during the past year have been principally ministerial.

The issuing of the following amount of bonds by the Charleston Light & Water Co. for the payment of various extensions ordered by City Council have been approved and authorized:

June 1, 1909.....	\$ 10,000.00
July 5, 1909.....	3,000.00
Total.....	\$ 13,000.00

A number of extensions ordered by City Council have not been completed and a number not yet reported on by the City Engineer, and on these no action has been taken by the Board, as the same have not yet come before them in the manner and form as set forth by City Council.

On July 19, 1909, the Board approved of the extension of the fire alarm to the pumping station at Saxon's, S. C., ordered and approved by City Council, and transmitted to City Council their report in full thereon.

The receipts and expenditures of the Board have been as follows for the fiscal year ending December 31, 1909:

Appropriation	\$ 500.00
Salary of Secretary	\$ 300.00
Printing, stationery, etc.	34.25
State and County taxes—Given's	
Ferry	28.28
Expenses.....	\$ 362.53
Unexpended and covered into the City Treasury to Gen'l	
Income Acct.	137.47
	<hr/>
	500.00

All of which is respectfully submitted,

DANL. L. SINKLER,
Secretary.

SAML. LAPHAM,
Chairman.

REPORT OF TIDAL DRAIN KEEPER.

Charleston, S. C., January 1, 1910.

*To the Honorable Mayor and City Council.**Gentlemen:*

I have the honor to submit the following report of the proceedings of this department for the past year.

Appropriation allowed and designated as follows, viz.:

To Repairing and Cleaning Drains.....	\$4,100.00
To extra appropriation in October.....	500.00
To Tidal Drain Keeper's Salary.....	900.00
	<hr/>
Total Allowance	\$5,500.00

Amount of money expended for material,
for repairing Drains, Sand Pits, etc.

Jan. 19, Chas. Iron Works	\$ 11.55
Feb. 10, Strohecker & McDermid	9.71
Feb. 18, Anderson Lumber Co.	22.14
Feb. 18, Leland Moore Paint Co.	20.40
Feb. 24, Thos. Hughes,	130.29
Mar. 1, Strohecker & McDermid	11.90
Mar. 19, Anderson Lumber Co.	7.80
Mar. 23, Leland Moore Paint Co.	2.40
Mar. 30, Thos. Hughes	146.25
Apr. 16, Thos. Hughes	7.53
Apr. 20, Chas. Con. Ry., G. & E. Co...	3.20
May 25, H. W. Bischoff	1.20
May 25, Carolina Portland Cement Co.	2.30
May 31, Board of Public Works	76.24
June 3, Board of Public Works	2.40
Sept. 21, Thos. Hughes	7.00
Sept. 30, Board of Public Works ....	.80
Oct. 22, Carolina Portland Cement Co.	6.20
Oct. 31, Board of Public Works	1.60
Nov. 30, C. J. Powers	2.80
Nov. 30, Board of Public Works	2.13
Nov. 30, Carolina Portland Cement Co.	5.75
Dec. 31, Board of Public Works	4.27
	<hr/>
	\$ 485.86
To cleaning out and repairing Drains, etc.....	2,943.69
Salary of Two Drain Hands	1,092.00
	<hr/>
	\$5,421.55
Tidal Drain Keeper's Salary	900.00

Total allowance	\$5,500.00
Amount used	5,421.55
	<hr/>
Balance on Hand	\$ 78.45

Respectfully submitted,

WM. P. MCMAHON,

Tidal Drain Keeper.

Approved.

H. M. WALKER, *Chairman,*

J. P. McGRATH,

H. W. H. BUCK.

REPORT OF DOCK COMMISSION.

February 19, 1910.

*To the Mayor and Aldermen of City Council,
Charleston, S. C.*

Gentlemen:

Your Dock Commission begs to submit the following Annual Report:

Ten meetings were held during the year, several conferences were had with wharf owners and several personal inspections were made by the Commission itself of water front property, in addition to inspections made by the City Engineer, as required by ordinance.

Your Commission has made an earnest effort to have the appearance of the water front improved by the removal of decayed wharf property which is not only unsightly, prominently located as it is, but which, in some cases, is considered to be in dangerous condition. Extreme measures have not yet been adopted; your Commission considering it preferable to exhaust all other means to accomplish the desired purpose before taking drastic action, to which, however, resort will soon have to be made if results are to be obtained. Some improvement has been noted on the water front, but it amounts to little in comparison with what your Commission had hoped and still expects to obtain.

Of the appropriation, \$100.00, there has been expended for stationery only \$7.50, leaving a balance of \$92.50, returned to the Treasury.

Respectfully submitted,

JOHN F. RAFFERTY,

Chairman.

MARKET HALL.

Charleston, S. C., December 31, 1909.

To the Commissioners of the Public Markets.

Gentlemen:

In accordance with law, I hereby submit a statement of the transactions of this office from January 1, 1909, to January 1, 1910.

Collections from Fish, Vegetables, Fruit, etc.	\$ 501.25
Collections from Centre Beef and Pork Markets, etc....	2,674.20
Collections from Weights and Measures	36.64
Collections from Scale Fees	132.23
Collections from Mount Pleasant Ferry Co.	200.04
Collections from Fish Licenses	60.00
Collections from Market Hall Rent	5.00
Collections from One (1) Voting Precinct	3.00
John Cooper "Fine"	10.00

Total Amount Deposited in City Treasury 1909	\$3,622.36
Expenditures for 1909, excluding \$20 paid by Ins. Co's....	2,700.00

Balance to Account of Market	\$ 922.36
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Weighed by Mr. J. Duncan, 130 Tons of Coal for
Charleston Orphan House. "Free of Charge."

EXPENDITURES.

Wages to Hands	\$ 540.00
Repairs, \$20 of this Amount paid by Ins. Co's..	190.40
Sundry Expenses	87.90
Insurance	76.00
Salary Clerk of Market	900.00
Salary Clerk of Weights and Measures	800.00
Gas Bill	125.70

\$2,720.00

Appropriation	\$2,600.00
Additional	100.00
Fire Loss	20.00

OSKAR PRAUSE,
Clerk Market.

CHARLESTON ORPHAN HOUSE, JANUARY 1, 1910.

BOARD OF COMMISSIONERS.

F. J. PELZER, Chairman.
Dr. J. S. BUIST, Vice-Chairman.
GEO. W. WILLIAMS, Chairman Pro Tem.
SAM'L G. STONEY, Vice-Chairman Pro Tem.
V. C. DIBBLE, R. W. CLAUSS,
I. W. HIRSCH, A. T. SMYTHE,
ROBERT C. LEBBY, T. A. WILBUR,
Dr. B. A. MUCKENFUSS, F. Q. O'NEILL.

OFFICERS.

Miss A. K. IRVING, Principal and Superintendent.

Teachers.

Miss Mary L. LeQueux, Miss Catherine Arnold,
Mrs. Amelia L. Reilly, Miss Mary E. Hamlin,
Miss Ellen King, Miss Mary McNeill,
Miss O. Eiserhardt.

Matrons.

Mrs. M. Brown, Mrs. M. Andrews.

Physician of the Institution.

Dr. T. GRANGE SIMONS,

Secretary and Treasurer of the Board.

ST. JOHN P. KINLOCH,

Engineer.

ASHLEY L. BARTON,

STANDING COMMITTEES.**COMMITTEE ON IMPROVEMENT AND DISCIPLINE.**

F. J. PELZER, Ex-Officio Chairman.

B. A. Muckenfuss,	V. C. Dibble,
T. A. Wilbur,	F. Q. O'Neill,
S. G. Stoney,	I. W. Hirsch.

A. T. Smythe.

COMMITTEE ON SCHOOLS.

A. T. Smythe, Chairman,	G. W. Williams,
B. A. Muckenfuss,	V. C. Dibble,
S. G. Stoney.	

COMMITTEE ON REPAIRS.

S. G. Stoney, Chairman,	I. W. Hirsch.
R. W. Clauss.	

COMMITTEE ON RETRENCHMENT AND REFORM.

F. Q. O'Neill, Chairman,	Robt. C. Lebby,
T. A. Wilbur,	R. W. Clauss,

COMMITTEE ON PURVEYANCE.

T. A. Wilbur, Chairman,	R. W. Clauss,
B. A. Muckenfuss.	

COMMITTEE ON ACCOUNTS.

I. W. Hirsch, Chairman,	S. G. Stoney,
Robt. C. Lebby,	G. W. Williams,

COMMITTEE ON CHAPEL AND ANNIVERSARY.

B. A. Muckenfuss, Chairman.	F. Q. O'Neill,
J. S. Buist,	V. C. Dibble.

BINDING OUT COMMITTEE.

V. C. Dibble, Chairman,	I. W. Hirsch,
A. T. Smythe,	Robt. C. Lebby.

COMMITTEE ON LIBRARY.

A. T. Smythe, Chairman,	T. A. Wilbur,
V. C. Dibble,	F. Q. O'Neill.

CHARLESTON ORPHAN HOUSE.

Charleston, S. C., Jan. 1st, 1910.

To the Mayor and Aldermen of the City of Charleston:

Gentlemen—In view of the continued indisposition of Mr. F. J. Pelzer, Chairman, and the prolonged illness of Dr. J. S. Buist, vice-chairman, it becomes my duty to present herewith the statement of Receipts and Expenditures of the Charleston Orphan House for the year 1909; statement of the transactions of the Trustees Orphan House Funds and Estate; statement of the Receipts and Expenditures of the Private Fund of the Commissioners; also the reports of the various Standing Committees for the fiscal year ending December 31st, 1909.

All of which is respectfully submitted,

GEO. W. WILLIAMS,

Chairman Pro-Tem.

Board of Commissioners, Charleston Orphan House.

Statement of Receipts and Expenditures of the Charleston Orphan House for the year ending December 31st, 1909:

RECEIPTS.

To amount received from interest on Public Fund.....	\$ 9,765.92
To amount received from interest on W. Jefferson Bennett Memorial Fund	2,000.00
To amount received from Commissioners' Trust Fund	3,492.81
To balance from City Council	8,993.97
	<hr/>
	\$24,252.70

EXPENDITURES.

By amount expended as per monthly returns to City Council	\$20,059.89
By House Physician's Salary	700.00
By amount expended from Commissioners Trust Fund	3,492.81
	<hr/>
	\$24,252.70

ST. JOHN P. KINLOCH,
Treasurer B. C. O. H.

Cash transactions of the Trustees Orphan House Funds and Estate, from January 1st, 1909, to December 31st, 1909:

RECEIPTS.

To balance from last annual statement; Trustees	\$	1.32	
W. Jefferson Bennett Memorial Fund		3.67	\$ 4.99
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To W. Jefferson Bennett Memorial Fund:			
6 mos. interest on \$94,500 4 per cent. Bonds.		1,890.00	
6 mos. interest on \$95,500 4 per cent. Bonds		1,910.00	
12 mos. interest on \$14,100 4 per cent.			
City Columbia Bonds		564.00	
Interest on deposit.....		30.06	
		<hr/>	\$ 4,394.06
To Bond Account:			
4 per cent. Bonds, City of Charleston, due July 1st, 1909			400.00
To Interest Account:			
6 mos. interest on \$400 4 per cent. Bonds		8.00	
12 mos. interest on \$201,000 4 per cent. Bonds.....		8,040.00	
12 mos. interest on \$38,176.20 State Stock		1,717.92	
		<hr/>	\$9,765.92
Interest on deposit....			8.25
		<hr/>	<hr/>
			\$14,573.22
		<hr/>	<hr/>

EXPENDITURES.

By Interest Account:	
Paid over to City for current expenses Orphan House.....	\$ 9,765.92

By W. Jefferson Bennett Memorial Fund:

Paid over to City for current expenses Orphan House	\$ 2,000.00	
\$1,000 City of Charleston Bond, with July, 1909, coupon.	1,010.00	3,010.00
		<hr/>
		\$12,775.92

By balance Trustees	\$ 409.57	
By balance W. Jefferson Bennett Memorial Fund	1,387.73	
	<hr/>	\$ 1,797.30
		<hr/>
		\$14,573.22

ASSETS.

Cash Trustees	\$ 409.57
Cash, W. Jefferson Bennett Memorial Fund	1,387.73
4 per cent. City Charleston Bonds, Trustees.	201,000.00
4 1-2 per cent. State Stock, Trustees	38,176.20
4 per cent. City Charleston Bonds, W. Jefferson Bennett Memorial	95,500.00
4 per cent. City Columbia Bonds, W. Jefferson Bennett Memorial	14,100.00

Respectfully submitted,

J. O. LEA,

City Treasurer and Trustee.

Examined and found correct.

GEO. W. WILLIAMS,

Chairman Pro Tem.

Commissioners Charleston Orphan House and Trustee Orphan House Funds and Estate.

Memorandum:

W. Jefferson Bennett Memorial Fund increased during the year 1909 by the purchase of:

City Charleston 4 per cent. Bond.	\$1,000.00
Cash in bank on interest.	1,387.73
	<hr/>
	\$2,387.73
Increased in 1908.	2,300.00

Increased in 1907	2,200.00
Increased in 1906	2,100.00
Increased in 1905	2,000.00

\$ 10,987.73

Original donation	100,000.00
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\$110,987.73

List of Stocks, Bonds and other Securities belonging to the private fund of the Commissioners of the Charleston Orphan House, exhibited to us by St. John P. Kinloch, Treasurer, and deposited by us in lock box at the Germania Savings Bank, this 23rd day of November, 1909:

37 City of Charleston 4 per cent bonds, each \$1,000	\$37,000
62 City of Charleston 4 per cent bonds, each 500	31,000
3 City of Ch'st'n 4 1-2 per cent bonds, each 500	1,500
3 City of Co. mbia 4 per cent bonds, each 500	1,500
2 City of Columbia 4 per cent bonds, each 1,000	2,000
2 City of C'lmbia 4 1-2 per cent bonds, each 1,000	2,000
5 City of Columbia 4 per cent. Bonds, each 100	500
1 Certificate for 20 shares Magnolia Cemetery Stock, par	2,000
1 Certificate of State of South Carolina 4 1-2 per cent. Stock, par	4,500
1 Certificate for 4 shares Bank of Charleston Stock, par	400
1 Certificate for 1-2 share Bank of Charleston Stock, par	50
1 Deed for six lots in Magnolia Cemetery..	

Also, belonging to the Dr. William H.

Huger Scholarship Fund, 5 City Charles-

ton 4 per cent. Bonds, each.....\$1,000 \$5,000

I. W. HIRSCH, Chairman,

SAM'L G. STONEY,

ROBT. C. LEBBY,

Finance Committee.

GEO W. WILLIAMS,

Chairman Pro-Tem.

Abstract of the Receipts and Expenditures of the Private Fund of the Commissioners of the Charleston Orphan House for the year ending December 31st, 1909:

DR.

To balance from last account	\$ 390 71
To City of Savannah Bond, matured	500 00
To received from interest on investments.....	3,390 10

CR.

	\$4,280 81
By paid officers' salaries	\$ 512 32
" " Magnolia Cemetery care of lot.....	30 00
" " Expenses annual picnic	183 74
" " Donations to officers and employees....	1,025 00
" " News and Courier, tribute to A. F. C. Cramer	4 80
" " Funeral expenses, Eunice Baylor.....	33 00
" " Inscription tablet to Dr. W. H. Huger....	29 70
" " Expenses Chairman B. O. C. to Savan- nah	8 45
" " School books, maps and prizes.....	142 95
" " City Directory	3 00
" " Rent lock box at Germania Savings Bank	5 00
" " City Charleston 4 per cent. Bond, at \$500	515 00
" " National flags	14 00
" " Legal fees re Bischoff children.....	10 00
" " Expenses, boy at Clemson College....	69 49
" " Sanitarium Expenses, etc., Miss Lent...	896 36
" " Physician assisting operation to child..	5 00
" " Postage, typewriting and sundries.....	5 00
	\$3,492.81
Balance	\$ 788.00

Examined and found correct.

\$4,280 81

I. W. HIRSCH, Chairman,
SAM'L. G. STONEY,
ROBT. C. LEBBY,
Committee.

REPORT OF COMMITTEE ON SCHOOLS.

The Committee on Schools presents the following report for the year ending December 31st, 1909:

Highest Number on the Register:

Boys, 115; Girls, 116; Total, 231.

Average Attendance:

Boys, 110; Girls, 106; Total, 216.

Admitted During the Year:

Boys, 22; Girls, 9; Total, 31.

Discharged During the Year:

Boys, 18; Girls, 20; Total, 38.

The studies embrace Orthography, Reading, Writing, Mental and Practical Arithmetic, Common School and Physical Geography, Modern and Ancient History, Grammar, Familiar Science, Physiology, Bookkeeping, Algebra, Vocal and Instrumental Music.

The present system of examination—every two months—continues to be satisfactory.

Of the number admitted to the school this year, 31 in all, 18 entered the kindergarten. A class of 25 has been promoted to the primary department, and there are now on this roll 57 pupils, 29 boys and 28 girls.

The 119th anniversary of the institution was celebrated in the school room on the afternoon of Oct. 19th, and it was indeed a very pleasant occasion. Quite a number of the friends of the institution gathered in the school room to see the children go through their anniversary exercises, which they did with zest and spirit.

As both the chairman and vice-chairman were absent on account of illness, the chairman pro tem., Mr. Geo. W. Williams, presided. As an opening anthem the children sang "Praise Him," and as usual they sang it well. The venerable Dr. Vedder then offered prayer for the institution and its officers and all connected with its management.

There were other music and recitations which were appropriate to the occasion, and rendered with that vim and enthusiasm which so distinctly marks the vocal exercises

of the institution. The physical exercises, which were gone through with by the entire school, were particularly good, and showed the diligent care which the teacher of physical culture had bestowed upon the scholars.

The Bennett medal for Scholarship, Attendance and Conduct was presented to Lula M. Riggs, by Hon. Augustine T. Smythe.

The Williams prizes for Industry and Fidelity were presented by Mr. Geo. W. Williams to Estelle Bowles and Thomas Corby, they having been reported by their teachers as being preëminent for Industry and Fidelity among all the children of the school.

A number of other prizes, consisting of well selected books, were then presented by Mr. Virgil C. Dibble to those who stood best in their several classes during the year.

At the conclusion of the exercises the children sang the hymn, "O'er the Hills the Sun is Setting," and the exercises were concluded by the benediction by Rev. Thos. H. Law, D. D.

Those who were privileged to witness this exhibition went home impressed with the excellent training which the children had received, and the evident impress made upon the scholars by the gifted principal, who has so long and so ably presided over the institution.

The committee would further report that during the past year, Mrs. Wm. H. Huger, the widow of Dr. Wm. H. Huger, for so many years the attending physician of this institution, placed in the hands of the Board of Commissioners the sum of five thousand (\$5,000.00) dollars in cash, with which to found a scholarship to be known as the Dr. Wm. H. Huger Scholarship; the income to be appropriated towards paying the expenses of one boy in some higher institution of learning; thus giving one boy every two or three years the opportunity to fit himself by study in higher branches for the battle with life. This donation was thankfully received by the Board of Commissioners, and has been safely invested.

The first recipient of the benefits of this scholarship is Ashley Haight, one of the boys of the House who, from the recommendation of the principal and other officers of the institution, was held to be best entitled to receive this assistance. He entered Clemson College, and is now pursuing his studies there, being supported by the income derived from the scholarship. When he has finished his course another boy will be appointed to receive the benefit of the scholarship, and so on for indefinite time the name of Dr. Wm. H. Huger will be continued in the House, giving continuously to some boy of the institution further education from the income of the fund so created.

The committee cannot close this report without making a minute of the loss sustained by the institution in the death of Miss Kate Lent, who has for many years served this school as one of its teachers. Miss Lent was faithful in the discharge of all the duties which came to her, and did not confine herself to simply those relating to her position as teacher. She was ever ready and ever willing to lend a hand whenever it was needed in anything connected with the House. She will be sorely missed, but her influence will live after her in the lives of those children whom she has trained in the ways of truth and righteousness.

All of which is respectfully submitted,

AUGUSTINE T. SMYTHE, Chairman,
B. A. MUCKENFUSS,
V. C. DIBBLE,
GEO. W. WILLIAMS,
S. G. STONEY.

REPORT OF COMMITTEE ON IMPROVEMENT AND DISCIPLINE.

The Committee on Improvement and Discipline respectfully report that they do not see where any improvement can be made in the Discipline of the House.

FRANCIS J. PELZER, Chairman,
VIRGIL C. DIBBLE,

T. A. WILBUR,
AUGUSTINE T. SMYTHE,
B. A. MUCKENFUSS,
S. G. STONEY,
F. Q. O'NEILL,
I. W. HIRSCH.

REPORT OF COMMITTEE ON RETRENCHMENT
AND REFORM.

Your Committee on Retrenchment and Reform find that they have no recommendations to offer, as they are of the opinion that affairs are conducted in as satisfactory a manner as possible. They have no suggestions to make.

F. Q. O'NEILL, Chairman,
T. A. WILBUR,
ROBT. C. LEBBY,
R. W. CLAUSS.

REPORT OF COMMITTEE ON REPAIRS.

The Committee on Repairs begs to report that during the year 1909 seven dormitories were calcimined; window and door frames painted. Four lavatories and four private rooms calcimined. Ceiling calcimined, and floor stained, of School Room. Floor of Principal School Room, Hall and Stairway, stained. Children's Dining Room calcimined and painted. Officers' Dining Rooms calcimined. Out-house, west side, repaired, whitewashed and painted. Play Rooms and Passages whitewashed. Gutters of Slate Roof repaired. Lodge repaired and woodwork painted. Foot-bath in No. 1 Laboratory relined with copper. Kitchen and Boiler Furnaces repaired. Two Supply Tanks at the top of the Building (capacity, 1,000 gallons each) repaired. Gas Pipes throughout the House cleaned out. 355 feet 3-inch Cast Iron Main run in yard. Connecting 3-inch Main with Street Main. 60-foot 10-inch Drain Pipe laid from St. Philip Street. Walls cleaned and woodwork

throughout the House repaired. Fences repaired. 64 Window Cords and 53 Glasses put in.

The work of opening and closing the street and connecting 3-inch Main with Street Main (in order to obtain a better water supply) is all included in the cost of repairs, (\$1,527.12.)

Your Committee again takes pleasure in testifying to the faithfulness and efficiency of our Engineer, Mr. Barton, who not only superintended the repairs, but in many instances did the work himself. Some of the older boys under his direction rendered good service during the vacation.

SAM'L. G. STONEY, Chairman.

R. W. CLAUSS,

I. W. HIRSCH.

REPORT OF COMMITTEE ON PURVEYANCE.

The Committee on Purveyance beg to submit their report of the Expenditures of the Charleston Orphan House for the year 1909:

	Lbs.	Cost.
Fresh Meat	14,862	\$ 921 39
Bacon, Ham and other Salt Meats	4,547 1-2	505 92
Coffee	287	33 67
Cocoa Shells	1,641	35 29
Rice	4,320	173 01
Butter	1,104	329 72
Cottolene	1,012	104 16
Tea	78	28 62
Sugar	3,720	169 25
Bread	44,581	1,673 32
Molasses, gallons	576	171 12
Flour, barrels	21	138 05
Irish Potatoes, barrels	34	83 51
Sweet Potatoes, barrels	18	26 55
Milk, gallons	4,027	915 74
Grist and Meal, bushels	531	450 47
Small Groceries		229 92

Soap, Starch, etc.	94 07
Corn, 36 bushels	34 20
Fuel, Wood, Coal and Gas	972 43
Illuminating Gas	267 00
Clothing, House Linen, Hats and Shoes.....	2,181 00
Books, Stationery, etc.	245 00
Medicines, Disinfectants, etc.	277 30
House Furnishings, Garden Seeds, etc.	190 73
Salaries and Labor	6,972 16
Incidental Expenses	1,229 62
Insurance	20 00
Repairs	1,527 12

\$20,000 34

The garden furnished the following:

- 762 Bunches Beets.
- 1,046 Bunches Radishes.
- 135 Bunches Leeks.
- 102 Egg Plants.
- 4 Bushels Tomatoes.
- 7 Bushels Okra.
- 2 Barrels Onions.
- 73 Pumpkins.
- 4 Quarts Peppers.
- 1,397 Bunches Carrots.
- 439 Bunches Turnips.
- 642 Ears Corn.
- 44 Bushels Snap Beans.
- 2 Bushels Green Peas.
- 1 Peck Sweet Potatoes.
- 264 Cucumbers.
- 120 Winter Squash.
- 5 Barrels Greens.

T. A. WILBUR,
R. W. CLAUSS,
B. A. MUCKENFUSS.

REPORT OF BINDING-OUT COMMITTEE.

The Binding-Out Committee presents the following report of admissions and discharges during the year 1909:

Boys admitted to the House	20
Girls admitted to the House	8

Total admissions to the House	28
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Boys discharged from the House	18
Girls discharged from the House	19

Total discharged from the House	37
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Most of those discharged were given to relatives, whose circumstances were such that they were able to care for them and continue their schooling.

Five are learning trades, two are employed in dry goods stores, eleven have homes in the country.

VIRGIL C. DIBBLE, Chairman,

I. W. HIRSCH,

A. T. SMYTHE,

R. C. LEBBY.

REPORT OF COMMITTEE ON CHAPEL AND ANNIVERSARY.

There has been no interruption during the year to the Sabbath afternoon services.

These were conducted by the Resident Clergy, the Secretary of Y. M. C. A., and six visiting Ministers: Revs. Robert Adams, D. D., Geo. Williams Walker, D. D., A. F. DeGafferelly, N. A. Nisbet, D. D., W. E. Pugh and S. P. Fulton, D. D., of Japan.

On three occasions, owing to very inclement weather, service was held in the Main School Room, instead of the Chapel.

The attention and deportment of the children are, as usual, excellent; the music has been very good, and the attendance of interested friends has, by no means, decreased.

The Committee again returns thanks to the Clergy, for the prompt and cheerful manner in which they have responded to the calls made upon them.

B. A. MUCKENFUSS, Chairman,
VIRGIL C. DIBBLE,
J. S. BUIST,
F. Q. O'NEILL.

THE COMMITTEE ON LIBRARY.

The Committee on Library respectfully begs to report that there are now in the Library 4,750 bound volumes and 270 pamphlets.

Since the last report there have been added to the Library 194 volumes; of these, 113 volumes were purchased from the "Commissioners' Trust Fund," and "The Children's Hour," 10 volumes, were donated by Houghton-Mifflin Co., Publishers.

In the summer holidays some of the older girls are selected to read suitable books to the younger children.

Those who like reading devote several hours a day to their library books, while all are required to read from an hour to an hour and a half under the supervision of the Librarian.

AUGUSTINE T. SMYTHE, Chairman,
V. C. DIBBLE,
T. A. WILBUR,
F. Q. O'NEILL.

SEWING DEPARTMENT.

The report of the Sewing Department, which, in addition to general seamstress work, includes tailoring and dress-making, is as follows:

Boys' Summer Uniform Suits	115
Boys' Winter Uniform Suits	106
Pantaloon	30
Shirtees	8
Chambray and Calico Dresses	249
Worsted Dresses	86

Aprons	188
Girls' Collars	201
Boys' and Girls' Under Garments	311
Sheets, Towels and Table Cloths	482
Suits and Dresses altered and repaired	764
Stockings, Handkerchiefs, etc., marked	1,896

A large part of the mending for the boys was also done here. In this department the children are taught from a half-hour to one and a half hours each day; the older girls, giving the time they can spare from school and other duties.

LAUNDRY DEPARTMENT.

The work of the Laundry has been done this year by three washers (part of the time, four) with the aid of the girls. The year's washing amounts to 163,942 pieces.

While the girls are occupied in sewing, mending and other work, the boys are employed in various duties, suitable to their age. They cut wood, sift ashes, carry coal, take care of the poultry and the cows, and under supervision, assist in the garden. During the summer vacation they help with sundry repairs about the house and premises.

REPORT OF THE CHAIRMAN PRO TEM.

As chairman pro tem., I call your attention to the foregoing reports covering in detail the financial transactions and the work of this institution through its various departments. The prescribed duties of the year were well, efficiently, and quietly performed, and I hope that in net results for good service it may prove one of the best years of the many which have gone before.

Uniformly good health has been enjoyed at the institution. Death, however, has, twice during the year, entered the Home. Eunice Baylor, one of the children, eight years old and very delicate from infancy, was relieved from her sufferings on May 21st.

In the death of Miss Katie A. Lent, who passed away

November 14th, the institution has lost a noble soul, and Miss Irving one of her most valued aids. Too much cannot be said of her beautiful Christian life of over twenty years of service in the cause of the orphans. The Board did all in its power to restore to her the health of which she was so much in need, but to no purpose. She rests quietly in a beautiful spot in Magnolia Cemetery and the influence of her work, which was full of the missionary spirit, will go on compounding to the end of time.

The Board has received with grateful thanks a gift of \$5,000 from Mrs. William H. Huger. In transmitting this generous and useful donation Mrs. Huger said:

"I desire, if it meets with your approval, to establish a scholarship in the Charleston Orphan House to be known as the Dr. William H. Huger Scholarship. The principal of this fund I wish invested and held in trust by you, in such securities as you may approve, with full power to change such investment from time to time as often as you may find necessary. The income to be appropriated towards enabling some boy graduating from the Orphan House to obtain a higher education, collegiate, scientific or otherwise, in the discretion of the Board, so as to fit him better for his struggle with the world.

* * *

"My desire is to perpetuate the name of Dr. William H. Huger as a friend to the boys of the institution (to which he gave fifty-two years of his life) and so found the Dr. William H. Huger Scholarship."

After making a few suggestions, Mrs. Huger further said:

"There are two fundamental ideas that I would not like changed; one is that the name should always be the Dr. William H. Huger Scholarship, the other, that the beneficiary of the scholarship should always be a boy from the Charleston Orphan House."

It gives me pleasure to state that Ashley Haight, who is now at Clemson College, taking a course in electrical engineering, is the first beneficiary of the DR. WILLIAM H. HUGER SCHOLARSHIP. It is the hope of this

Board that he, and the boys who may be fortunate enough to follow him in the years to come, may do credit to this Home, to the memory of Dr. William H. Huger, to the kind donor of the Scholarship, and to themselves.

At the request of this Board the following Ordinance has been passed by City Council:

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That all bonds of the City of Charleston owned or held by Municipal Institutions of this city, or by the trustees of the William Enston Home may be registered by the City Treasurer in a book or books provided for that purpose, and the said bonds so registered may be transferred again to bearer, but only when, by authority of the Board of Commissioners, or Trustees of such institutions, they are endorsed by the chairman and countersigned by the secretary of the Board.

I am pleased to report that under authority of this law, the bonds of the City of Charleston, in the care of the Commissioners for "The Commissioners Private Fund," have been registered in the name of THE COMMISSIONERS OF THE CHARLESTON ORPHAN HOUSE; and those in the custody of the Treasurer of the City of Charleston have been registered in the name of THE TRUSTEES OF THE ORPHAN HOUSE FUNDS AND ESTATE.

Under the terms of the will of the late Samuel H. Wilson, the Orphan House was made the Residuary Legatee.

Mr. P. H. Gadsden, the executor, is now winding up the estate, and in doing so is keeping in touch with this Board, in the interest of Estate and Legatee.

I hope the next annual report will show a substantial increase of the Endowment Fund from the Wilson Estate.

During the past year many have availed themselves of the privilege of visiting the institution on Wednesday afternoons at 4 o'clock. With one accord all seemed to have been pleased with what they saw and heard, and have carried with them impressions of a properly regulated home

and school, founded and carried on along well defined and most substantial lines. Among the more noted of the visitors I mention: President Wm. H. Taft, Col. Robert E. Lee, Jr., Hon. John Hays Hammond, Dr. Chas. W. Eliot, former President of Harvard University; Dr. H. G. Buehler, Head Master of Hotchkiss School, Lakeville, Conn.; Dr. Rockwell H. Potter, of Hartford, Conn., and Dr. Edw. O. Guerrant, President of the Highlands Orphans' Home, at Clay City, Ky.

When President Taft accepted the invitation of the City of Charleston to stop in the city as its guest numbers of invitations were extended him, all of which, on account of the very short time that he would be in Charleston, were declined, except that of this Home. As soon as it was known that he would make a visit the Commissioners and Principal determined that the occasion should be made memorable both to the visitor and to the visited, and they succeeded in doing so. When the Presidential party reached the gates, just after dark, on the evening of November 5th, the children began singing one of the national airs in clear and lusty tones.

The sight which greeted the Presidential party as it drove into the Orphan House grounds, which were illuminated by electric and gas lights well and tastefully arranged, was truly inspiring, for directly in front of the main building were the children beautifully banked in tiers and in a semi-circle, the boys in their grey suits and the girls wearing blue dresses and white aprons, each child bedecked with a small United States flag.

Back of the children stood the main building ablaze with lights from cupola to basement. Such a scene was that which met the eyes of the President of the United States and his distinguished party! No more inspiration was necessary, for he hastily alighted from his auto car and was presented to the Commissioners and Principal by Gov. Ansel and Mayor Rhett. After a few words of warm commendation bestowed upon Miss Irving, Principal, for her fifty-five years of faithful, active and untiring service to the institution, and to the Orphans' cause, the President

turned and faced the children, when LeRoy Reid, one of the small boys, in clear tones said:

Mr. President: In the name of the children of the Charleston Orphan House I welcome you to our home. We thank you from our hearts for giving us these few moments, and his Honor, the Mayor, for bringing you here.

Your visit will be an inspiration to us, not only while under this roof, but in after years, in the world's broad field of battle.

We all wish you, Mr. President, a happy time in our city—a safe return to your loved ones—and many years in the White House.

The President was deeply touched, and said in reply, in tones of emotion:

"My Boy, Girls and Boys:—I am very much obliged to you for this cordial reception. It is an inspiration to look into your faces and see how well nourished you are, how bright your eyes are, and I am sure how happy you are under these auspices. I have no doubt that you will use the opportunities that are being furnished you by these good men and kind women to grow up and become useful members of society, useful boys and girls in the world, and that you will also look back with gratitude to these good men and women who have made this possible. I thank your lady superintendent for giving me this opportunity of witnessing this scene. God bless you all!"

The children then sang "America," when Myrtle Heisenbittel, not quite four years of age, came forward to present a bouquet to the President. Being very small, she was quickly held up by the chairman pro tem., and made her little speech and delivered the bouquet of flowers from "our garden." The President thanked her and in accepting them leaned forward and gracefully kissed the little outstretched hand.

Three spirited cheers were then given. As the President entered his auto car the children in union said: Good-bye, Mr. President;" "Good-bye, boys and girls," he replied, and while the party was slowly leaving the grounds the children sang, "God be with you 'till we meet again."

The Commissioners, Principal, teachers, children and visiting friends all agreed that the visit of President Taft to the Charleston Orphan House, under the most favorable circumstances, was charming from every view point, and one which will long be remembered.

The children have, from time to time throughout the year, enjoyed suitable amusements which were provided for them. The annual picnic in April, which was given at the spacious grounds tendered by the Otranto Club, and the beautiful Christmas tree in December, with its other good things, at the hospitable home of Mayor and Mrs. R. Goodwyn Rhett, may especially be mentioned. The trolley rides to Hampton and Chicora Parks, and a visit to the Navy Yard were pleasant incidents in the summer life of the children.

The counsel and advice of Mr. F. J. Pelzer, chairman, and Dr. J. S. Buist, vice-chairman, owing to continued indisposition, have been missed during the year. The other Commissioners have, however, earnestly devoted time and manifested interest in all that makes for the welfare of the institution.

The continued zeal and devotion of Miss Irving, the Principal, is an uplift to all who come in contact with her, and again this Board comes forward to record its full appreciation of her and of all the experienced service which she brings to her work, as the Principal of this institution.

To her loyal associates, one and all, we also tender our appreciation of their devotion to duty.

Respectfully submitted,

GEO. W. WILLIAMS,
Chairman, Pro-Tem.

Board of Commissioners Charleston Orphan House.

SHIRRAS DISPENSARY.

Charleston, S. C., January 1, 1910.

*To the Members of the Board of Trustees
of the Shirras Dispensary.*

Gentlemen:

We herewith hand you the Annual Report of the Department for treating diseases of the eye at Shirras Dispensary:

Number of patients treated in 1909.....	473
Number of patients treated in 1908.....	430
Number of white patients treated in 1909.....	13
Number of colored patients treated in 1909.....	460

CLASSIFICATION OF DISEASES.

Affections of the Ball.

Contused wounds	6
Exophthalmas	1
Panophthalmitis	1
Phthisis Bulbi	1
	<hr/>
	9

Affections of the Conjunctiva.

Conjunctivitis, acute catarrhal	50
Conjunctivitis, chronic catarrhal	26
Conjunctivitis, follicular	4
Conjunctivitis, purulent	19
Conjunctivitis, traumatic	2
Pterygium	6
Pterygium, double	2
Subconjunctival hemorrhage	6
Xerosis conjunctival	2
	<hr/>
	117

Affections of the Conjunctiva and Cornea.

Phlyctenular ophthalmia	35
-------------------------------	----

Affections of the Cornea.

Foreign body in cornea	10
Interstitial Keratitis	7
Keratitis from lime burn	1
Leucoma, adherent	9
Hypopion Keratitis	1
Nebulous Cornea	7
Staphyloma	2
	<hr/>
	37
Ulcer of Cornea	15
	<hr/>
	52

Affections of the Sclera.

Episcleritis	4
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Affections of the Uveal Tract.

Iris, foreign body in	1
Iris, gumma of	2
Iris, iritis, acute plastic	51
Iris, iritis, old with synechial	13
Iris, mydriasis from atropia	2
Irido-cyclitis	1
Sympathetic ophthalmia	1
Glaucoma, chronic	5
Glaucoma, chronic with corneal ulceration	1
	<hr/>
	77

Affections of the Optic Nerve and Retina.

Atrophy of optic nerve—white	9
Atrophy of optic nerve consecutive	1
Choked disc	1
Optic neuritis	6
Sclerosis of retinal vessels	1
	<hr/>
	18

Affections of the Crystalline Lens.

Cataract—senile and mature	23
Cataract—senile and incipient	3
Cataract—consecutive	3
Cataract—traumatic	1
	<hr/>
	30

Amblyopia.

Tobacco amblyopia 5

Errors of Refraction.

Hyperopia 36

Myopia 6

42

Anomalies of Accommodation.

Presbyopia 7

Affections of the Lacrymal Apparatus.

Dacryocystitis 1

Hypertrophy of the lacrymal gland 1

Stricture of the nasal duct 2

4

Affections of the Muscles and Nerves.

Mystagmus 1

Ocular neuralgia 14

Paresis of external rectus 1

Paresis of inferior rectus 1

Paralysis of all muscles 1

18

Affections of the Orbit.

Cellulitis 1

Not classed 8

Transferred to other departments 4

12

Operations Performed.

Chalazia removed 4

Corneal ulcer curetted 2

Cyst of lid removed 1

Foreign bodies removed from cornea 6

Cataract needled 4

Pterygia removed 2

19

Respectfully submitted,

WALTER PEYRE PORCHER, M. D.,

CHARLES W. KOLLOCK, M. D.,

Ophthalmic Surgeons.

Diseases of the Throat and Nose

DISEASES	Whites		Colored		Total
	Male	Female	Male	Female	
Adenoids	2	2	5	5	14
Dentition			1	1	2
Catarrh Posterior Nasal.....			1		1
Cervical Adenitis.....			2	3	5
Epistaxis				2	2
Foreign Body in Throat.....				1	1
Foreign body in Nose				1	1
Foreign body in Tonsil			1		1
Globus Hysterious				4	4
Pharyngitis Acute			1		1
Laryngitis Tubercular			1	1	2
Lingual Tonsil, Hypertrophy of				1	1
Parotitis			1	1	2
Neurasthenia.....		1			1
Polypus Tumors.....				1	1
Pharyngitis Acute.....		2	10	21	33
Pharyngitis Chronic.....	1		1	2	4
Pharyngitis Syphilitic.....	1		7	11	19
Rhinitis Acute			4	7	11
Rhinitis Atrophic.....				3	3
Rhinitis Hypertrophic.....			1	1	2
Rhinitis Syphilitic.....			1	1	2
Tonsilitis Acute	1		2	4	7
Tonsilitis Hypertrophic.....		1	5	18	24
Tonsilitis Follicula			1	5	6
Septal Deflection	2		1		3
Syphilis of Soft Palate				1	1
Tie Tongue				1	1
Transferred				4	4
Ulcerative Stomatitis	1	1	1		3
Ulcer of Soft Palate			1		1
Ulcer of Tonsil.....			1	1	2
Uvula Elongation			1		1
Unclassified.....			6	5	11
Totals	8	7	56	106	177

Diseases of the Ear

DISEASES	Whites		Colored		Total
	Male	Female	Male	Female	
Aural Neuralgia			8	8	6
Cerumen	1	1	4	8	14
Catarrh of Middle Ear			2	1	3
Deafness		1	1	1	8
Eczema of Auricle				2	2
Fossa of Rosenmulla Adhesions				1	1
Foreign Body in Ear	1			1	2
Myringitis				2	2
Mastoiditis, Acute	1			1	2
Otitis, Acute			1	1	2
Otitis, Chronic				1	1
Otitis, Syphilitic				2	2
Otitis, Media Purulenta		1	2	4	7
Otitis, Externa Diffusa				1	1
Otorrhoea			8	7	10
Tubal Catarrh	1		1	5	7
Tinnitus Aurium			1	1	2
Trauma of Drum Membrane				1	1
Totals	4	3	18	48	68
Diseases of Throat and Nose					177
Visits Paid by Patients					245
Total					77
Total					322

Respectfully submitted,

CHAS. W. KOLLOCK, M. D.

W. PEYRE PORCHER, M. D.

REPORT FROM THE DEPARTMENT OF DISEASES OF WOMEN
FOR THE YEAR ENDING 31ST DECEMBER, 1909.

*To the Board of Trustees
of the Shirras Dispensary.*

Gentlemen:

During the year 1909 there reported at the Gynaecologic Clinic three hundred and forty-eight (348) cases for diagnosis and treatment. Of this number three hundred and forty-four (344) were adult females, (2) female children, and two (2) male infants. A total of seven hundred and thirty-two office visits was reached, a number of patients returning frequently. Many of the cases on examination proved not to be gynaecologic cases, as the tabulated list below will show. In this list some cases are tabulated more than once as, for instance, frequently a case would appear with two or more conditions and diseases, as syphilis, gonorrhoea, and lacerations of cervix and perineum, etc. Such cases are listed under each head separately, and so appear two or more times. The Clinic has grown rapidly, and a comparative record with preceding years will show that the growth has been steady. Considering the difficulty of obtaining intelligent coöperation from the ignorant class of patients which attend the Clinic, results have been fair. Only five (5) white women appeared during the year.

The following is a statistical report of the variety of cases seen and treated. Only seven (7) cases refused examination when it was deemed necessary, these were promptly discharged.

List of Conditions Treated.

Amenorrhoea	17	Atheroneatey face	1
Aneurism	3	Abscess of jaw	1
Ascaris	1	Abscess of Bartheolius gland..	1
Arterio-Sclerosis	1	Abscess of Axilla	1
Adenitis Cervical	3	Anemia (T B. ?).....	1
Adenitis Ingunial	2	Bronchitis	1
Asthma, Bronchial	1	Bubo	2
Abortion—complete..	1	Coryza	8
Abortion—threatened	1	Chancre	8

Constipation	21	Nephritis	4
Carcinoma Uterus	5	Neurasthenia	2
Contusions	1	Neuralgia	4
Chancroids	3	Ovaritis and Cystic Ovary....	12
Conjunctivitis	2	Pyosalpyx	13
Cholecystitis	2	Parturition	1
Carnucle of Urethra	1	Pregnancy	20
Colitis-mucous	3	Frolapse of Utera	1
Dysmenorrhea	14	Perimetritis	5
Dysentary	1	Periostitis of Tibia (Syph.)...	2
Diarrhoea	1	Putal obstruction and Ascitis..	1
Diabetes Nullitus	1	Pharyngitis	2
Dysphagin (Cause ?)	1	Proctitis	1
Endometritis	11	Pelvic Tumor, probably preg.	1
Eudo Cautitis (C. V. D.)	4	Retroflexine Uterus	12
Epilepsy	2	Recto Vaginal Fistula	2
Eczema	1	Rheumatism	16
Elongatus Cervix	1	Rhinitis	1
Filariasis	1	Return of menstruation during	
Favas of face and neck.....	1	Gestation.....	21
Gonorrhoea	15	Stenosis of Cervix	1
Gastritis—chronic	1	Syphilis	21
Grippe	1	Salpingitis	31
Headache—Ocular and Con-		Scabies	3
stipation	11	Subinorlution Uterus	1
Indigestion	49	Tuberculosis (pulmonary)	19
Iritis	1	Tuberculosis (?) (Pul. dbtful)	4
Lacerated Cervix	19	Iniea Toucraus	1
Lacerated Perineum	8	Iniea Cirinata	1
Leucorrhoea	1	Trusillitis	2
Leucorrhoea (Entometritis)	10	Tumor of breast (simple)....	1
Lichen Plamis	1	Frauma of Ear	1
Menorrhagia	10	Undiagnosed (refused exam.)	7
Metorrhagia	1	Urethritis (probably Gon.)....	2
Menopans	4	Ulcer leg (probably Syphilis)	2
Malaria	28	Ulcer Cervix	1
Metritis	1	Urticaria	1
Mastitis	3	Vomiting of Pregnancy	1

A total of ninety-one (91) diseased conditions seen during the year.

Total visits paid to Dispensary.....	732
Total patients	348

Respectfully submitted,

**REPORT OF CASES TREATED IN THE DEPARTMENT OF SURGERY, SHIRRAS
DISPENSARY, FOR THE YEAR 1909.**

DISEASES.	Whites				Colored			
	Male Adults	Female Adults	Male Children	Female Children	Male Adults	Female Adults	Male Children	Female Children
Chancroids.....					24			
Cervical Adenitis.....					1	3	2	2
Abscess of shoulder (T. B.).....						1		
Keritosis.....						1		
Syphilis.....	2				55	11		
Nephritis.....					6	3		
Eczema of scalp.....								1
Gonorrhoea.....	1				17	2		
Subornaxillary Adenitis.....						1		
Prostititis Gonorrheal.....					3			
Rheumatism.....					2	3		
Infected leg.....						1		
Ulcers on leg.....						1		
Incised wound on foot.....					1			
Fistula in Ani.....					1			
Odema of leg.....						1		
Malaria.....					1			
Hemorrhoids.....						1		
Necrosis of Phalanges.....							1	
Scabies.....						2	4	1
Dennatitis.....								
Contused wound of wrist.....					1	1		
Infected Auxiliary Gland.....					3			
Hydrocele.....								
Abscess of hand.....				1				
Supuration Ferneral Gland.....							1	
Tenia Copitus.....							2	
Impetigo.....							2	1
Ingrowing toenail.....				1				
Intestinal Parctitis.....								1
Stricture Urethra.....					3			
Paronychio.....						1		
Epidictmuti.....	4				3			
Lufus Vulgaris.....						1		
Mastitis.....						1		
Lufus Erithematoris.....						1		
Varicocele.....					2			
Buboes.....	2				5			

Total black males treated.....	136
Total black females treated	51
Total white males treated	6
Total white females treated	3

Total all colors

Total visits paid white	22
Total visits paid colored	570

Respectfully submitted,

T. P. WHALEY, M. D.,

Surgeon in Charge.

REPORT OF DEPARTMENT OF DISEASES OF CHILDREN
FOR THE YEAR 1909.

To the Board of Trustees,
Shirras Dispensary.

Gentlemen:

I beg to submit below my report for the year 1909.

Yours respectfully,
EDWARD RUTLEDGE, M. D.,
In Charge.

DISEASES.	Whites			Colored			Grand Total
	Male	Female	Total	Male	Female	Total	
Cellulitis.....	1	...	1	...	...	...	1
Purpura.....	1	...	1	...	...	...	1
Bronchitis.....	1	...	1	10	18	28	29
Adenitis.....	4	2	6	6
Gastritis.....	2	3	5	5
Epilepsy.....	2	1	3	3
Stomatitis.....	2	3	5	5
Eczema.....	2	4	6	6
Syphilis.....	2	2	4	4
Constipation.....	4	11	15	15
Pertussis.....	2	6	8	8
Diarrhoea.....	8	4	12	12
Heocolitis.....	9	4	13	13
Gingivitis.....	3	...	3	3
Tonsilitis.....	2	1	3	3
Dentition.....	4	2	6	6
Gonorrhoea.....	2	...	2	2
Worms.....	2	3	5	5
Tuberculosis.....	1	2	3	3
Inanition.....	1	2	3	3
Pemphigus.....	1	2	3	3
Anaemia.....	1	2	3	3
Malaria.....	2	2	2
Measles.....	1	...	1	1
Thrush.....	1	...	1	1
Totals.....	8	...	8	66	69	135	138

Total number of cases treated 138

Total number of visits 278

January 1, 1910.

The Tuberculosis Department of the Shirras Dispensary begs to submit the following report:

This Department was opened as a free clinic to the poor of this city, January 25, 1909. Since that date the following work has been done:

Total number of patients treated.....	107
Total number of office visits	209

Of this number applying at office, 42 were found to have Tuberculosis, as follows:

	White.	Colored.	
Adult males	4	14	18
Adult females	1	17	18
Children, male	3	..	3
Children, female	3	..	3
			<hr/> 42

Total number of house visits made by staff, 110 (approximately).

(Signed.)

J. C. SOSNOWSKI, M. D.,
 F. B. JOHNSON, M. D.,
 RICHARD M. POLLITZER, M. D.,
 JOHN L. DAWSON, M. D.,
 Per D.

CITY ALMS HOUSE.

Charleston, S. C., January, 1910.

To the Honorable the Mayor

and City Council, Charleston, S. C.

Gentlemen:

I have the honor to append hereto the Annual Report of the Master, with the Financial Statement for the year ending December 31, 1909, and also statements of the individual cost of maintenance of each inmate, daily and yearly, and the expense of Out-door Pensioners, with the total number of persons drawing, the total number of rations issued and the cost of each ration.

The Board finds it necessary to erect a new laundry building in place of the open shed now used for that purpose. Also to remove furnace, which stands in the open yard, into said building, which would be a source of greater convenience to the poor women engaged in this work, as under the present facilities they are exposed to all kinds of weather. We estimate the cost to erect this building and the placing of furnace in same at \$750.00. And the Board hopes that the appropriation will be made.

The advanced price of groceries and other necessities makes it necessary for the Board to ask for a larger appropriation for the current year.

In the estimate of requirements for this year you will find an amount of \$160.00 for a pair of artificial limbs for an inmate, who has been in the house for a number of years. Those he now has are now useless and beyond repair.

In regard to Free Transportation, I beg to state that I have issued 136 passes, amounting to \$480.30, leaving a balance of \$19.70 in the hands of the City Treasurer.

In conclusion, beg to commend the Master and Matron and also the Clerk, for their kindness to the inmates of the Institution.

Respectfully submitted,

H. KLATTE, *Chairman,*

Board of Commissioners Chas'n Alms House.

Charleston, S. C., January, 1, 1910.

*To the Honorable Board of Commissioners
of the City Alms House.*

Gentlemen:

I submit this, my Annual Report, as Master of the Institution for the fiscal year ending December 31, 1909.

The following statement shows the number of persons, admitted, discharged, sent to Roper Hospital and remaining in the house; also the Out-door Pensions, drawing rations and the receipts and the disbursements during the said year.

ADMITTED.

Males, 19; Females, 14; Children, 1; Total.....	34
Natives of England	2
Natives of Ireland	2
Natives of Germany	2
Natives of Connecticut	1
Natives of New York	1
Natives of Ohio	1
Natives of Tennessee	2
Natives of South Carolina	23
	— —
Total admitted	34

DISCHARGED.

Males, 23; Females, 11; Children, 1; Total	35
Natives of England	2
Natives of Ireland	2
Natives of Germany	1
Natives of New York	1
Natives of Ohio	1
Natives of Tennessee	2
Natives of North Carolina	1
Males, 25; Females, 27; Children, 1; Total	53
Natives of South Carolina	25
	— —
Total discharged	35

TRANSFERRED TO ROPER HOSPITAL.

Males, 4; Females, 4; Total	8
Natives of England	1
Natives of Ireland	1
Natives of South Carolina	6
	<hr/>
Total transferred	8

DEATHS.

Females, 6; Total	6
Natives of Ireland	2
Natives of South Carolina	4
	<hr/>
Total Deaths	6

INMATES OF THE HOUSE.

Males, 25; Females, 27; Children, 1; Total	53
Natives of England	2
Natives of Ireland	8
Natives of Germany	4
Natives of Italy	1
Natives of Connecticut	1
Natives of Ohio	1
Natives of North Carolina	2
Natives of South Carolina	33
Natives of Tennessee	1
	<hr/>
Total number of inmates	53
Average number of inmates	53

OUT-DOOR PENSIONS.

White Males, 7; Colored Males, 9	16
White Females, 32; Colored Females, 34	66
White Children, 40; Colored Children, 35	75
	<hr/>
Total	157

Who draw weekly 120 Rations.

Of the Appropriation by City Council, namely: \$8,750,00,
the Board has disbursed \$8,733.64, leaving a balance of

\$16.36, unexpended. From sales of empty bags and barrels have been received \$9.40, which has been expended through petty cash.

Due by city for Free Transportation for the past three months, advanced by the Board, \$140.92.

The inmates of the House have received the best care and attention.

Respectfully submitted,

JULIUS G. SCHROEDER, *Master.*

I herewith append the following statements of the expenditures of the City Alms House for the fiscal year ending December 31, 1909, with disbursements through Petty Cash and Free Transportation Account:

Appropriation \$8,750.00

EXPENDITURES:

For Bacon Butts for Outdoor Pensioners.....	\$ 553.45
For Grist and Meal for Outdoor Pensioners....	434.11
For Grist for House	120.40
For Groceries and Provisions for House	1,426.55
For Bread and Biscuits for House	585.72
For Fresh Meats for House	529.78
For Fresh Fish for House	102.00
For Poultry for House	28.93
For Vegetables, Fruits, etc., for House	238.46
For Fresh Milk for House	269.41
For Drugs and Medicines for House	217.17
For Dry Goods for House	327.24
For Men's Clothing for House	132.00
For Shoes for House	207.25
For Wood (less freight and drayage) for House	122.50
For Coal for House	156.45
For Gas (three metres) for House	181.21
For House Furnishings for House	46.55
For Repairs, Plumbing, etc., for House	479.82
For Sanitary Work for House	39.00
For Newspapers, Printing, etc., for House	137.29
For Insurance (one policy) for House	20.35
For Salaries of Officers, Sec'y and House Help	1,628.00
For Petty Cash Purposes	750.00
Total	<u>\$8,733.64</u>
Unexpended Balance in City Treasury	\$ 16.36

STATEMENT OF DISBURSEMENTS THROUGH PETTY CASH FOR
YEAR 1909.

To Balance from 1908	\$ 86.72
To Refund of Amount Free Transportation 4th Quarter, 1908	99.05
To Sale of Empty Bags and Barrels	9.40
To Amount drawn from Appropriation	750.00
Total	<u>\$945.17</u>

By Expense of Christmas Dinner and Annual Entertainment	\$100.87
By Expense of Christmas Donations	50.00
By Expense of Freight and Drayage on Wood....	50.00
By Expense of Vegetables, etc.	17.50
By Expense of Groceries	80.25
By Expense of Whiskey for Medicinal use	52.80
By Expense of Ice for Officers and House	52.00
By Expense of Material for Small Repairs	31.90
By Expense of Labor, Repair'g, Whitewashing, etc.	100.60
By Expense of House Furnishings	16.55
By Expense of Hardware, Tools, etc.	15.03
By Expense of Stationery, Printing, etc.	27.05
By Expense of Coffee Roasting	8.10
By Expense of Sundries	154.77
By Amount due on Free Transportation Vouchers for Last Quarter	140.92
Total	\$898.34
Balance in Hands of Master	\$ 46.83
Free Transportation Appropriation	\$500.00
136 Passes Issued	
Amount Expended	480.30
Balance in Hands of City Treasurer	\$ 19.70

Cost of Maintainance of Inmates of City Alms House for Year 1909.

Total Number of Inmate Days	19,644
Total Amount Expended	\$7,746.08
Daily Cost of Each Inmate	\$.39 16-37
Annual Cost of Each Inmate	143.92

Cost of Outdoor Pensioners for Year 1909.

Total Number of Persons Drawing	7,140
Total Amount Expended	\$ 987.56
Total Number of Rations Issued	5,517
Average Cost of Each Ration	17 9-10 cts.

WILLIAM ENSTON HOME.

Charleston, S. C., January 6, 1910.

To the Honorable Mayor and Aldermen.

Gentlemen:

Enclosed please find the Annual Financial Report for 1909 of the Trustees of the William Enston Home, and the Trustees of the William Enston Annuitant's Fund.

Respectfully,

M. B. PAINE,

Secretary.

WM. ENSTON ANNUITANTS' FUND.

STATEMENT NO. 27.

Cash transactions of W. E. Butler, Jno. F. Ficken and R. G. Rhett, Trustees, from January 1, 1909, to December 31, 1909.

RECEIPTS.

Cash on Hand Dec. 31, 1908	
Jan. Int., Sumter 6% Bonds, net.....	\$ 717.75
Jan.-July Int., Charleston 4% Bonds, net	3,660.00
Jan.-July Int., Cola., S. C. 4% Bonds, net	299.00
Jan.-July Int., Greenwood 6% Bonds, net.....	358.80
Jan.-July Int., Montgomery 4½% Bonds, net..	719.00
Jan.-July Int., Wilmington, N. C. 4% Bonds, net	878.00
Feb. Int., Lancaster 4% Bonds, net	359.15
Mch.-Sept. Int., Union 6% Bonds, net	1,200.00
April-Oct. Int., Aiken 6% Bonds, net	778.10
April-Oct. Int., Gaffney City 5% Bonds, net ..	498.00
Dec. Int., Chesterfield 6% Bonds, net	1,196.70
	<hr/>
	\$10,664.50

DISBURSEMENTS.

Annuities for 1909	\$7,500.00	
Expenses of administration	147.25	
		<hr/>
		\$ 7,647.25
Trustees Commissions on Receipts ..	\$10,664.50	
Trustees Commissions on Disb'ts....	7,647.25	
Trustees Commissions on Disb'ts, surp.	2,497.03	
		<hr/>
	\$20,808.78 @ 2½%	520.22
Surplus paid to Trustees Wm. Enston Home..		2,497.03
		<hr/>
		\$10,664.50

E. E. Charleston, S. C., December 31, 1909.

W. E. BUTLER,
JNO. F. FICKEN,
R. G. RHETT,
Trustees.

WM. ENSTON ANNUITANTS' FUND.

ASSETS—December 31, 1909.

	Costing.
\$ 13,000 Aiken 6% Bonds	\$ 13,000.00
91,500 Charleston 4% Bonds	70,110.01
20,000 Chesterfield 6% Bonds	22,279.04
7,500 Cola., S. C., 4% Bonds	7,565.62
10,000 Gaffney City 5% Bonds	10,383.94
6,000 Greenwood 6% Bonds	6,565.65
9,000 Lancaster 4% Bonds	8,865.00
16,000 Montgomery 4½% Bonds	16,640.00
12,000 Sumter 6% Bonds	12,000.00
20,000 Union 6% Bonds	20,315.00
22,000 Wilmington, N. C., 4% Bonds	22,235.90
..... Cash .....	.....
<hr/>	<hr/>
\$227,000	\$209,960.16

E. E. Charleston, S. C., December 31, 1909.

W. E. BUTLER,
JNO. F. FICKEN,
R. G. RHETT,
Trustees.

THE WM. ENSTON HOME.

Cash Statement from January 1, 1909, to December 31, 1909.

RECEIPTS.

To Balance Cash on hand December 31, 1908.....	\$28,793.31
To Interest General Account, 1909.....	2,118.34
To Interest New Cottages Account, 1909.....	3,498.70
To Balance Annuitants' Fund Surplus, 1908	1,196.70
To on Account Annuitants' Fund Surplus, 1909.....	1,300.33
	<hr/>
	\$36,907.38

DISBURSEMENTS.

Expenses of Administration	\$ 3,185.04
Fuel and Lights	613.79
Investment—\$5,000.00, Belton, S. C., 5% Bonds, at par, value and brokerage	5,025.00
Balance Cash in Banks	28,083.55
	<hr/>
	\$36,907.38

E. E. Charleston, S. C., December 31, 1909.

WM. E. HUGER,
President.

ASSETS—THE WM. ENSTON HOME.
December 31, 1909.

GENERAL FUND.

		Costing.	
\$ 5,000.00	Charleston 5% Bonds	\$ 5,250.00	
3,500.00	Charleston 4% Bonds	2,027.77	
5,000.00	Cola., S. C., 4½% Bonds	5,300.00	
10,000.00	Cola., S. C., 4% Bonds	7,035.00	
7,000.00	Winnsboro 7% Bonds	7,035.00	
16,001.76	Cash in Bank	16,001.76	
		<hr/>	\$ 42,649.53
\$ 46,501.76			

NEW COTTAGES FUND.

		Costing.
\$ 5,000.00	Belton, S. C., 5% Bonds	\$ 5,025.00
10,000.00	Charleston 5% Bonds	10,500.00
50,500.00	Charleston 4% Bonds.....	48,808.75
2,500.00	Cola., S. C., 4% Bonds	1,940.00
3,000.00	Kershaw 7% Bonds	3,000.00
1,000.00	Pickens 7% Bonds	1,060.00
12,081.79	Cash in Bank	12,081.79
<hr/>		<hr/>
\$ 84,081.79		\$ 82,415.54
<hr/>		<hr/>
\$130,583.55	Totals.	\$125,065.07

E. E. Charleston, S. C., December 31, 1909.

WM. E. HUGER,
President.

CITY ORPHAN ASYLUM.

Charleston, S. C., January 1, 1910.

*To the Mayor and Aldermen
of the City of Charleston.*

Gentlemen:

I beg respectfully to submit hereafter a statement of the receipts and expenditures of the City Orphan Asylum for 1909; also reports of various standing committees for the fiscal year ending December 31, 1909.

T. MOULTRIE MORDECAI,
*Chairman Board of Commissioners
City Orphan Asylum.*

STATEMENT OF RECEIPTS AND EXPENDITURES OF CITY
ORPHAN ASYLUM FOR THE YEAR ENDING
DECEMBER 31, 1909.

RECEIPTS.

To appropriation by City Council.....\$6,000.00

EXPENDITURES.

For—

House help, cook, washers and labor	\$ 440.00	
Printing, advertising, books and stationery	30.11	
Lights	81.08	
Fuel	328.70	
Repairs	92.96	
Hardware	24.85	
Incidental expenses and petty cash..	87.15	
Forage	245.32	
Groceries, dry goods, shoes, meats, fish, bread, drugs, etc.....	4,659.21	
		<u>5,989.38</u>

Bal. back to income acct. of City.....\$ 10.62

T. MOULTRIE MORDECAI,
Chairman.

PRESENT BOARD OF COMMISSIONERS

T. MOULTRIE MORDECAI, Chairman.
GEORGE D. BRYAN, Vice-Chairman.
GEO. S. LEGARE, Chairman Pro Tem.
BENJ. H. RUTLEDGE, Secretary and Treasurer.
ANDREW J. RILEY.
C. JULIUS REDDING.
THOS. J. PRICE.

PRESENT OFFICERS

JOANNA QUINLAN, Principal Matron.
DR. EDWARD RUTLEDGE,
Physician of the Institution.

*STANDING COMMITTEES**COMMITTEE OF IMPROVEMENT AND DISCIPLINE*

T. MOULTRIE MORDECAI, Ex-officio.
A. J. RILEY.
GEORGE S. LEGARE.

COMMITTEE ON SCHOOLS

GEORGE D. BRYAN, Chairman.
GEO. S. LEGARE.
BENJ. H. RUTLEDGE.

COMMITTEE ON RETRENCHMENT AND REFORM

T. MOULTRIE MORDECAI, Chairman.
THOS. J. PRICE.
GEORGE D. BRYAN.

COMMITTEE ON REPAIRS

ANDREW J. RILEY, Chairman.
C. JULIUS REDDING.
BENJ. H. RUTLEDGE.

COMMITTEE ON PURVEYANCE

THOMAS J. PRICE, Chairman
T. MOULTRIE MORDECAI.
C. JULIUS REDDING.

COMMITTEE ON ACCOUNTS

THOS. J. PRICE, Chairman.
T. MOULTRIE MORDECAI.
GEORGE D. BRYAN.

BINDING OUT COMMITTEE

T. MOULTRIE MORDECAI, Chirman.
GEORGE S. LEGARE.
GEORGE D. BRYAN.

COMMITTEE ON LIBRARY

GEORGE D. BRYAN, Chairman.
GEORGE S. LEGARE.
BENJ. H. RUTLEDGE.

The Committee on Improvement and Discipline respectfully reports that the discipline of the City Orphan Asylum has been kept well in hand, and they have no suggestions to make in connection therewith.

(Sgd.) GEORGE D. BRYAN,
Chairman.

REPORT OF COMMITTEE OF SCHOOLS, YEAR ENDING
DECEMBER 31, 1909.

HIGHEST NUMBER ON REGISTER.

Boys	39
Girls	55
	—
Total	94

AVERAGE ATTENDANCE.

Boys	35
Girls	49
	—
Total	84

ADMITTED DURING THE YEAR.

Boys	7
Girls	9
	—
Total	16

DISCHARGED DURING THE YEAR.

Boys	4
Girls	3
	—
Total	7

STUDIES EMBRACED DURING THE YEAR.

Reading, Writing, Geography, Modern and Ancient History, Grammar, Familiar Science, Physiology, Book-keeping, Algebra, Vocal and Instrumental Music.

The method of examination is entirely satisfactory.

This Institution is open twice in every week, Thursday and Sunday, for parents and friends to visit the children, and is open also on those days to the general public.

This committee desires to testify to the devotion of the teachers and the interest which they have taken in advancing the welfare of the children entrusted to their care.

GEORGE D. BRYAN,
Chairman.

COMMITTEE ON RETRENCHMENT AND REFORM.

The Committee on Retrenchment and Reform begs leave to report that the management of the Institution is conducted as economically as possible, and they have no special suggestions to make on the subject.

THE BINDING OUT COMMITTEE.

The Binding Out Committee of the City Orphan Asylum begs leave to report that during the year 1909 they have not bound out any of the children. Several of the children have been withdrawn by their parents and relatives who have been able to properly take care, support and look after the children, but we have not deemed it expedient, although several applications have been made to us, to bind out any of the children, as we found that those who were of sufficient age to go out of the Institution could be best taken care of by their relatives, and we have preferred to adopt this course wherever practicable.

T. MOULTRIE MORDECAI,
Chairman.

COMMITTEE ON LIBRARY.

The Committee on Library respectfully begs to report that there are now in the Library 240 bound volumes.

During the year 1909 the children have taken out and read 105 books.

(Sgd.) GEO. D. BRYAN,
Chairman.

SEWING DEPARTMENT.

The report of the Sewing Department, which, in addition to general seamstress work, includes tailoring and dress-making, is as follows:

Boys' summer suits, bought ready made.....	64
Boys' winter suits, bought ready made (being most economical)	64
Girls' summer dresses	120
Girls' winter dresses	98
Boys' undergarments	120
Girls' undergarments	240
Towels hemmed	48
Pillow cases	40
Dresses altered	50
Boys' suits altered and repaired	49
Stockings and handkerchiefs marked	200

All mending, both for the boys and girls, was also done in this department. The children are instructed every day for a sufficient length of time, and a large portion of the work is done by the girls.

LAUNDRY.

Only two washers are employed in the laundry, all the lighter work being done by the larger girls. The year's washing and ironing amount to 4,000 pieces.

The girls sew, mend and do other proper work, and the boys are employed in various duties suitable to their ages.

It is proper to state that in this Institution the boys and girls are kept absolutely separate and apart. They hold no communication whatever with each other, and the assistant matrons and teachers in charge of the departments carefully observe the rule that the boys and girls are not brought in contact.

The Asylum is so situated and arranged that this can be readily done without inconvenience or additional expense.

GENERAL HEALTH OF THE INSTITUTION.

The Board wishes to express their grateful thanks that during the past year this Institution has been free of epidemic diseases.

The Board of Commissioners in closing this their annual report, desires to testify their appreciation of the services rendered by all of the subordinate officers and of the good order and discipline observed by the children.

It is a pleasure to them to be able to say that this Institution has always been in a condition where it could be visited at any hour of the day or night and the same order and discipline found to be enforced as when the Board formally convenes for the purpose of meeting and inspection.

The discipline observed is as perfect as possible in an Institution of this character, and the Commissioners keep strict supervision over the Institution.

Every article of food is carefully inspected before it is allowed to be used, and the same food which the children

receive is also consumed by the Principal Matron and the other officials of the Institution. The various members of the Board on their regular daily rounds make it a practice to taste and test these foods, and have always found them pure and wholesome, and have no complaint whatsoever to make as to their character and material or the manner in which they are prepared and served to the children.

Great care has been taken by the Principal Matron in seeing that the health of the children is preserved by having an increased number of lavatories and bath tubs put into the Institution, enforcing a rigid use of them, and keeping the children uniformly cleanly and well clad; and it is our pride that our children will compare favorably with those of any Institution in looks, bearing and mental attainment; a result due almost entirely to the care, skill and attention of the Principal Matron and her assistants.

All of which is respectfully submitted.

T. MOULTRIE MORDECAI,
Chairman Board Commissioners
City Orphan Asylum.

THE REPORT OF THE COMMISSIONERS OF THE
INDUSTRIAL SCHOOL FOR THE COL-
ORED ORPHANS OF THE CITY
OF CHARLESTON.

*To the Honorable the Mayor and City Council,
of the City of Charleston, S. C.*

The City Council of Charleston appropriated the sum of \$1,000.00 for the use of this Board for the year 1909, and the Commissioners, in accordance with their custom in past years, expended the amount on the Orphan Aid Society, commonly known as the Jenkins Orphanage. The Commissioners make this use of the appropriation for the reason that there is not in existence any special Industrial School for the Colored Orphans of the City of Charleston, over which they have jurisdiction, and they believe that in so doing they carry out the spirit of the ordinance under which they are appointed, and the wishes of the City Council.

There is hereto attached the Report of the President of the Orphan Aid Society.

The Commissioners are of the opinion that the Orphan Aid Society is a charity worthy of more public support than it receives. There is no school for negro or colored children south of Calhoun Street, and the Orphan Aid Society fills in part this need. In addition it maintains an Orphanage in the City of Charleston for negro and colored children.

The cost of maintaining this Institution is about \$16,000, of which only \$1,000.00 comes from the City of Charleston.

Respectfully submitted,

FRANK R. FROST,

Chairman.

*To the Honorable Commissioners of the Industrial School
for Colored Orphans—Mr. F. R. Frost, Chairman.*

Gentlemen:

Once more we submit to your Honor and to City Council this our Eighteenth Annual Report for the year 1909.

The work of reform among colored children in this city is a hard problem. There are hundreds of fatherless and motherless children that are growing up in ignorance, sin and vice. In addition to there there are a large number with parents that are almost in the same condition as those without parents. This is due to the fact that there are mothers without husbands with children who cannot support them, and in the attempt to do so, place themselves in service, leaving their children to run the streets at large, getting into all kinds of mischief, and becoming criminals at a tender age.

The good this Institution has done and is doing is inestimable. It is breaking down superstition, narrowness and selfishness; it is training the minds to think and the hands to work; and while it is indeed an expensive experiment, the city receives in return tenfold for every dollar expended in this direction. We will take up first the Industrial Farm and Reformatory:

FARM PRODUCTS.

We made four bales of cotton last year, one hundred and fifty gallons of syrup, seventy-five bushels of sweet potatoes, about one hundred bushels of corn, ten thousand pounds of fodder and hay. We lost, by cholera, about sixty hogs. For lack of money we have not been able to run the farm on as large a scale as we wished.

We have had untold trouble at the Reformatory with the boys. Boys taken from the street and its environments, carried upon a farm and made to work, easily become dissatisfied, until they have been convinced that they have got to earn their bread by the sweat of their brows. We have to resort to a great many methods which we do not like, to keep them there and force them to work. We do not believe in brutal treatment; whipping and beating boys. We believe first in kind treatment and persuasion. We believe in appealing to their conscience and pride and doing so with patience, before appealing to their hides.

For the lack of funds we cannot do the work as we

desire. We stand ready to turn over to City Council our Orphanage, under its entire control at any time it feels able to conduct properly an industrial school for colored orphans, as mentioned in the ordinance by City Council, to establish a home for colored orphans where they shall be taught useful trades in connection with their common education. The coming year will be measured by what is necessary to maintain the Institution. The average number of orphans and destitute children housed and fed during the year is one hundred and twenty-five; and about two hundred children attend its day school, gathered from all portions of the city where there is no school for destitute colored children; there being no down-town school for children below Calhoun Street, and no room in the public schools for them.

In addition to this there has been an average of twenty-eight teachers and employees, at a cost of about \$3,500.00. These teachers and employees have worked for half price, and, in fact the Institution has suffered for the lack of funds. With the exception of one thousand dollars appropriated by City Council and three thousand dollars from the appeal of Mr. Geo. R. Scott to the readers of *The New York Weekly Witness and Sabbath Reading*, every dollar raised had to be solicited from the charitably inclined North and South at a heavy expense in some cases.

By exercising the strictest economy it will take not less than \$15,000.00 to properly conduct the Institution for the year 1910. We therefore do not ask for any fixed amount from City Council, but do ask for as liberal an appropriation as City Council may deem proper after carefully considering this our Eighteenth Annual Report. Said appropriation to be spent as follows: For the purchase of food, clothing, books, bedding, seats, bathpool for the children, paying off teachers and employees for teaching, training and taking care of the children, for material in the different industrial departments to keep the children busy and at work. We have had two exceedingly hard years for collecting money by voluntary contribution, We have been

heavily in debt, but managed to cancel the large amount that hung over the Institution.

You will find that the lowest number of persons required to conduct the Institution will be thirty-six teachers and employees to manage and operate the different industries we have established within the past eighteen years.

We trust that your Honor will take into consideration all of these disadvantages under which we have to work in running our Institution. We ask your protection and coöperation in doing more this year than ever before.

We here append a statement of receipts and disbursements for the year 1909:

Statement of Receipts and Disbursements from January 1, 1909
to December 31, 1909.

1909

RECEIPTS.

Jan. 1. By Balance per Statement rendered to Dec. 31, 1908	\$ 349.37
By Cash received from Jan. 1, '09 to Dec. 31, '09.	
From Charleston Messenger	1,058.72
From Donations, Northern & Foreign. \$5,423.06	
From Donations, Southern:	
City Council, Chasn.	1,000.00
Other Sources	773.04
	<hr/>
	7,196.10
From School Contributions	520.90
From Fair and Entertainments.....	346.29
From Band	5,383.32
From Sale of Wood	15.83
From Ind. Farm and Reformatory....	355.16
From Rents—Cromwell Alley	219.42
From Bills Payable	788.00
From Interest on Special Deposit	12.93
From Shoe Repair Department	34.55
	<hr/>
	\$16,280.59

DISBURSEMENTS.

To Cash paid from Jan. 1, '09 to Dec. 31, '09.	
For Account Charleston Messenger... \$ 999.52	
House Expenses	3,592.70
Printing	232.15

Salary and Wages	3,444.57	
Ind. Farm and Reformatory	1,020.02	
Bills Payable	1,101.52	
Repairs and Improvements	1,191.64	
Fire and Life Insurance	360.16	
Railroad Fares	956.64	
School	139.46	
Fair and Entertainments	84.84	
Band	1,393.48	
Interest	179.60	
Bank Collection Charges	9.42	
Standard Trust Co.	73.50	
Acct. Cromwell Alley Prop., Dirt..	14.20	
Acct. Purchase Cromwell Alley...	487.50	
Bills Receivable	100.00	
Shoe Repair Department	14.32	
		<hr/>
		\$15,395.24

1910

Jan. 1. Leaving a Balance of		\$ 885.35
Distributed as follows:		
Cash on Hand	\$ 79.74	
Deposit Car. Sav. Bank	347.78	
Deposit Car. Sav. Bk., Sav. Dept.	457.83	
		<hr/>
		\$885.35

All of which is respectfully submitted,

E. C. HARLESTON, *Secretary.* D. J. JENKINS, *President.*

I certify that the above statement is a correct exhibit from the books of the Orphan Aid Society.

January 1, 1910. JOHN D. KELLY, *Auditor.*

REPORT OF HARBOR MASTER.

Office of Harbor Master,

Charleston, S. C., January 10, 1910.

To the Honorable the Mayor and the Aldermen.

Gentlemen:

I have the honor to submit the accompanying report of the arrivals of vessels at this port for the year ending December 31, 1909.

Yours respectfully,

JAS. ARMSTRONG,
Harbor Master.

No. 1.

MONTHS	Steamships	Schooners	Barks	Net Registered Tonnage	Nationality
January	57	14	.....	157,895	United States
February	51	7	1	186,388	" "
March	56	18	.....	147,659	" "
April	57	12	.....	153,937	" "
May	52	18	.....	146,864	" "
June	52	14	.....	138,404	" "
July	51	20	.....	136,506	" "
August	55	20	.....	149,013	" "
September	54	23	.....	156,725	" "
October	58	24	.....	162,399	" "
November	57	19	.....	159,019	" "
December	52	21	1	152,416	" "
Totals	651	210	2	1,796,725	

No. 2. •

MONTHS	Steamships	Schooners	Barks	Net Registered Tonnage	Nationality
January	5	1	.....	9,953	British
February	5	.....	.....	5,847	"
March	7	.....	.....	12,547	"
April	5	.....	.....	9,699	"
May .....	.....	1	.....	183	"
June	4	.....	.....	8,074	"
July	4	.....	.....	8,250	"
August	5	.....	.....	11,621	"
September	10	.....	.....	21,904	"
October	7	.....	.....	13,394	"
November	8	.....	.....	20,522	"
December	11	.....	.....	23,525	"
Totals	71	2	.....	145,469	

MONTHS	Steamships	Schooners	Barks	Net Registered Tonnage	Nationality
January	3	.....	.....	2,187	Norwegian
January	2	.....	.....	8,256	Dutch
February	2	.....	.....	8,321	Dutch
February	1	.....	.....	1,858	German
February	3	.....	.....	8,819	Norwegian
March	2	.....	.....	1,261	Norwegian
March	1	.....	.....	2,726	German
April	2	.....	.....	4,615	German
April	4	.....	.....	8,881	Norwegian
May	4	.....	.....	1,754	Norwegian
June	4	.....	.....	1,708	Norwegian
June	1	.....	.....	1,555	Brazilian
July	4	.....	.....	1,708	Norwegian
July	1	.....	.....	2,748	German
August	3	.....	.....	1,809	Norwegian
September	4	.....	.....	2,470	Norwegian
September	1	.....	.....	2,811	German
October	1	.....	.....	2,665	German
October	4	.....	.....	2,518	Norwegian
October	1	.....	.....	8,166	Austrian
October	1	.....	.....	1,956	Dutch
November	5	.....	.....	8,187	Norwegian
December	4	.....	.....	2,472	Norwegian
Totals	58	.....	.....	58,446	

COLLEGE OF CHARLESTON.

Charleston, S. C., 19th January, 1910.

*To the Honorable the Mayor and Aldermen
of the City of Charleston.*

Herewith I beg to submit the Annual Report made to the Board of Trustees of the College of Charleston by Dr. Harrison Randolph, the President of the College faculty. This report furnishes interesting information respecting the work of the last year.

It will be observed from this report that the standard of requirements for admission to the College has been raised, and the immediate effect has been a slight reduction in the total number of students enrolled.

I also transmit herewith the annual report of the Director of the Charleston Museum.

Owing to the insufficiency of funds the work of removing the contents of the museum to the new building on Rutledge Avenue has progressed very little during the year just closed.

The condensed report of the Treasurer is herewith filed.

Respectfully submitted,

JNO. F. FICKEN,
President of Board of Trustees.

PRESIDENT'S REPORT.

Charleston, S. C., 10th January, 1910.

To the Trustees of the College of Charleston:

The President of the College has the honor to submit the following report for the year ending December 31, 1909:

With regard to faculty and equipment the condition of the College has not materially changed during the past year. The increase in available space brought about by the removal of the museum to the new building on Rutledge Avenue, which so greatly relieved our congested condition a year ago, continues to be a source of satisfaction. A new classroom and library for the department of History, and increased dormitory accommodations in the lodge building, vacated by that department, are part of the advantages of the removal. In the teaching force the only change has been caused by the resignation of Mr. D. Huger Bacot, Jr., Assistant in English. Gordon Miller, M. A., of Charleston, a graduate of the College, was appointed to succeed Mr. Bacot, who resigned to accept a scholarship at Harvard.

ATTENDANCE.

The September examinations, 1909, form another landmark in the gradual advance by the College to the standard which is coming to be generally accepted as the normal one toward which all the colleges of the country should make every possible effort to conform. In our own case, a careful study of conditions last year showed plainly that much trouble had been caused by the presence in the College of a relatively large number of students who were not ready for our work. The consequence in many cases was almost certain failure month after month. Such students soon become discouraged and give up making any real effort. Their attitude of discontented idleness is contagious and invariably communicates itself to certain other students who are just upon the margin of unsuccess, but who, with

proper urging and judicious encouragement, may be carried along. Accordingly, as a means to better discipline, and as a general educational tonic, it seemed that one of the first corrective measures needed was a stiffening, so to speak, of our tests of entrance. That we have been gradually looking toward this is shown by the results of our entrance examinations in recent years. In 1907 eight out of thirty-seven failed, or 22 per cent.; in 1908 twenty-one out of sixty-five, or 32 per cent.; in 1909 thirty-three out of fifty-nine, or 56 per cent. This year the examinations were so prepared as to be more nearly equal to the tests which are made in the stronger colleges, and in marking the papers a better grade of work was insisted on.

The inevitable result of this elevation of the standard of the College is a temporary arrest in the statistics of attendance. In 1908 sixty-eight per cent. of the applicants for admission passed; in 1909 only forty-four per cent. passed. Had the percentage of successful applicants been as large this year as last, the present enrollment would be greater by fourteen; instead of 77, as at present enrolled, there would have been 91, the enrollment of last session. That the attendance has been affected by this policy of stricter requirements is also shown by comparing the enrollment of Charleston students with that of students from the interior. The facilities for preparation possessed by the latter are far behind the opportunities in reach of Charleston students, and while the enrollment of Charleston students has increased with the increased requirements, the number of out-of-town students has decreased. In the last three years the number of Charleston Freshmen has increased from 10 to 20, while the number of out-of-town Freshmen has decreased from 26 to 15, although the number of out-of-town applicants has increased from 34 to 53. In 1907, of thirty-four out-of-town applicants twenty-six passed, while, in 1909, only fifteen passed out of fifty-three. Any increase in scholastic requirements naturally falls heaviest upon applicants from the interior of the State, where the school facilities are insufficient, and the figures show that this has been the result in our case. However, the schools in the in-

terior are rapidly improving, and the College is now strong enough to make this increased demand upon them. There is ample reason to believe that they will speedily respond. Within the College the advantages are already felt, not only in the quality of the work done, but in the general tone of the student atmosphere.

The total number of new students in September was 36. Their geographical representation is as follows: Charleston, 20; the rest of the State, 15; from out the State, 1. The seventy-seven students now in residence are distributed among the various classes thus: 9 Seniors, 8 Juniors, 9 Sophomores, 48 Freshmen, and three graduate students. Of the 48 Freshmen, fifteen are students who entered last year, but failed to make Sophomore standing. This was largely through lack of adequate preparation, and was one of the signs that the time had come for the more rigorous enforcement of entrance requirements. Of last year's Freshman class twenty-three returned to College, but only eight of these twenty-three made Sophomore standing. The better preparation of the present Freshman class emboldens me to hope that the results at the end of the present session will be more promising. Much of the effectiveness of the work of the College depends on a fairly well-balanced distribution of the students in the several classes.

COMMENCEMENT.

The public exercises in connection with the conferring of degrees were held in the Hibernian Hall, on June 15. Diplomas were given to two Masters of Arts, five Bachelors of Arts, and two Bachelors of Science. The principal address was made by Professor Barrett Wendell, of Harvard. The Magazine Prize was awarded to Gordon Miller, of Charleston, for the best prose article in the current volume of the College Magazine. The Alumni Medal, which is given by the Alumni Association to the member of the Junior class with highest standing, was awarded to C. F. Martin, of Blackville, S. C. The Bingham Orator's

Medal was won by J. R. Paul, of Charleston, and the Mathematics Prize by C. F. Martin, of Blackville, S. C.

SCHOLARSHIPS.

The endowed scholarships are sixteen in number, namely: The fourteen Boyce scholarships, founded in 1855, on the gift of the Hon. Kerr Boyce; the Edward R. Miles scholarship, founded in 1899, upon a bequest of Mrs. Mary Peronneau Miles, as a memorial to her husband, the late Rev. Edward R. Miles; and the Asher D. Cohen scholarship, founded in 1905, upon the gift of Mrs. Miriam Cohen, as a memorial to her husband, the late Asher D. Cohen. In October there were six vacancies. The following students were appointed to fill them: G. M. Dillingham, J. J. Gaffney and H. A. Mouzon, of Charleston; J. D. Guess, of Latta; W. M. Levi, of Sumter; and Z. L. Mobley, of Heath Springs.

THE LIBRARY.

A portion of the library of the late Professor Sachtleben has been given to the library of the College by his daughter, Mrs. St. John P. Kinloch. This donation consists of 386 volumes, mainly editions of Latin and German authors. Professor Sachtleben long occupied the chair of Latin and Greek in the College of Charleston, and is a striking figure in the recollection of its graduates. A donation of a unique sort is a fine old copy of the works of Inigo Jones, presented by Mr. Edmund M. Wheelwright, the distinguished architect, of Boston. Mr. Wheelwright accompanied Professor Wendell when he came to Charleston to deliver the Commencement address last June, and was greatly taken by the loveliness of the College and its grounds. On his return to Boston he sent to the library this beautiful architectural folio which forms a permanent evidence of his appreciation. Professor Wendell contributed to the library a complete set of his published writings. From Mr. James P. Carson the library has received 99 volumes and a number

of scientific pamphlets. Many of these are from the collection of James L. Petigru and contain his bookplate. In this way another historic name is included among the benefactors of the College.

Respectfully submitted,

HARRISON RANDOLPH,

President.

REPORT OF THE DIRECTOR OF THE MUSEUM
FOR THE YEAR 1909.

To the Trustees of the College of Charleston:

The Director of the Charleston Museum has the honor to submit the following report for the year 1909:

The completion of the new building and of the general working equipment, so far as present needs require; the addition of a trained librarian to the staff; and arrangements for a new series of research publications, to be known as "Contributions," are important achievements of the past year.

The raising of funds for installation of exhibits is the final step in the reorganization of the Museum and is the chief problem of the coming year.

FINANCES.

The maintenance account received a regular appropriation of \$2,500 from City Council. The expenditures of this account amounted to \$2,645.10, exceeding the appropriation by \$145.10. This deficit was met by transfer from the general account.

The general account received from contributions of members and from rental of main hall and living apartment, \$1,112.02. This sum has been expended upon permanent improvements, including a printing outfit, exhibition case construction, lantern slides for educational work, books, specimen trays, pamphlet cases, card cabinets for the biological survey, etc.

Special accounts have included an appropriation of \$2,100 by City Council for building improvements; a fund amounting to \$500 for publication of the Contributions, an appropriation of \$150 by the Agricultural Society of South Carolina for an agricultural exhibit, and a number of small accounts.

ADMINISTRATION.

While the entire lack of funds for installation of the exhibition collections presents a serious problem for the coming year, there is much cause for satisfaction in the fact that the revision of the collections, the organization of administrative systems, and the equipment of the workrooms have advanced to a point where they no longer require large expenditures of time and money, but rather form efficient tools for the prosecution of the routine work of the Museum and the special problems of installation.

Nearly all departments of the Museum, with the exception of the Mollusca, have now been cataloged. A series of special cabinets with locked rods have been purchased for the specimen record cards, giving to each tray all the security of a bound volume as well as the convenience of the card system.

The storage collections are now all accessible in convenient workrooms, and though all the storage trays are in use, many will be emptied as material is put on exhibition.

With the coöperation of the Agricultural Society of South Carolina, the first of the upright floor cases was finished at the end of the year, and will be used for agricultural and other economic exhibits. For the sake of uniformity the general style of this case should be followed in future construction, and for economy of operation, funds should be available for purchase of material in quantity, for installation of simple wood-working machinery, and for regular employment of labor. Great difficulty has been encountered in obtaining suitable lumber and accurate mill work, resulting in excessive cost for labor in assembling. The cost of shop equipment would soon be recovered from economy of operation, which would amount to from 30% to 50%.

Early in the year the installation of a complete printing outfit was made possible through the generosity of two members of the Museum. This equipment has been used for printing exhibition labels, record forms, etc., and enables the Museum to make a thoroughly creditable display of its exhibits. The versatility required of the staff under present

conditions is well illustrated by the fact that the director, his secretary, the librarian and the janitor have all been pressed into service in type-setting and press work.

Extensive changes in the staff have occurred during the year. Mr. Francis M. Weston, Jr., has been unable to serve as a regular assistant, but has done special work throughout the year, having charge of the records of the biological survey, and drafting plans for exhibition cases.

In February Miss Elizabeth Van Hoevenberg was appointed librarian and served until July, when she resigned on account of ill health. She was succeeded in September by Miss Laura M. Bragg, who has had charge of the Natural History Society as well as of the library. These two lines of work require the full time of one member of the staff, and since the director's time is entirely occupied with administrative matters, little progress can be made in the extensive task of installing exhibits until a general curator can be added to the staff to care for the storage collections and to carry out the plans of the director for exhibits.

The work of the honorary curators, whose generous assistance alone makes possible the greater part of the technical work of the Museum, will be reviewed under the head of their several departments.

Miss Laura L. Weeks has served as secretary to the director since October, devoting most of her time to the work for the American Association of Museums, but also materially assisting in the office work of the Museum.

One janitor has been employed as heretofore, but when the exhibits have been installed a door man and probably an additional cleaner will be required.

Gratifying as the progress of the Museum has been since the present reorganization was undertaken, the gravity of the situation which now confronts it cannot be ignored. The new building has been prepared, the records of the old Museum restored, and the specimens cataloged, an adequate working equipment created and installed, and a beginning of research work, publication and public instruction made. These are achievements which may well be contemplated

with satisfaction, for they have rescued from imminent destruction the oldest museum of America, and demonstrated the wide field of usefulness which lies before it in the increase and diffusion of knowledge among the people. No section of the country affords a better opportunity for the work of a modern museum in preserving a record of vanishing conditions and in promoting future development. It is a matter of general moment that this work be done, and it should be a matter of local pride that it be done by the distinguished museum whose natural province it is. To insure this end, increased public support and coöperation is imperative. The new exhibition hall is practically empty, and there are no funds for the installation of the old museum, the most perishable collections being still in the old building, where the Museum's small and overworked staff cannot prevent their further deterioration. *The removal and immediate installation of the old museum is imperative for its preservation and is the necessary preliminary to further development of the Museum.*

The number of members of the Museum, as listed at the end of this report, is smaller than last year. This is due to the inability of the director to take time to solicit further contributions; less than a half dozen persons having given financial assistance unsolicited. Other sources of income have fortunately brought the total income of the general account to a larger amount than in 1908.

The Museum was the headquarters in November of a local anti-tuberculosis campaign in coöperation with the National Association for the Prevention of Tuberculosis. An extensive exhibit was provided by the Association and installed in the main hall. Lectures were given every afternoon and evening in the Museum, in addition to a large number of talks before various organizations throughout the city. An attendance of over a thousand persons a day for ten days was recorded, public interest was aroused, and plans for a permanent organization effected. Work of a similar character for the decrease of tuberculosis is being conducted in many cities, having begun with an exhibit at the American Museum of Natural History, in New York,

and it is gratifying that the Charleston Museum should be able to promote so good a cause in this city.

The director represented the Museum at the fourth annual meeting of the American Association of Museums, in Philadelphia, May 11-13, 1909, when he was honored by re-election as secretary of the Association.

THE NEW BUILDING.

During the early part of the year the gallery rails and cornices of the main hall were erected, two additional skylights installed, and the interior and exterior painting completed.

The buff color already adopted for the entrance hall has been used on the walls of the main hall. The standing woodwork has been painted a soft brown, which harmonizes both with the buff walls and black cases.

A rail and recording turnstiles have been placed in the entrance hall as a part of the plan for keeping a record of attendance.

The use of the main hall was granted by the trustees to the Knights of Pythias for three days in June, and to the Musical Festival Committee for a week in November.

GEOLOGY.

The honorary curator of this department, Dr. Daniel S. Martin, spent two months in further revision of the collections and generously presented to the Museum and cataloged more than five hundred minerals from his private collection. Under Dr. Martin's care the geological collection has been brought from chaos to order, and through his generous donations, has doubled in size. He now has a number of valuable exchanges in view, and has matured plans for a representative collection of minerals from the Piedmont region of the Eastern States. Such a collection does not now exist, and substantial progress in its organization is hoped for in the coming year.

The geological material is now ready for installation as soon as cases and labels can be prepared.

CONCHOLOGY.

Substantial progress in the revision of the shell collection has been made by the honorary curator of the department, Mr. William G. Mazyck, assisted by Miss Elizabeth Klinck. Early in the coming year it is planned to publish a list of Mollusca of South Carolina and to install an exhibit of local shells. This will open a new line of educational work and a new department of the biological survey.

METEOROLOGY.

By the courtesy of the Chief of the United States Weather Bureau, a complete set of meteorological instruments has been installed in the Museum for educational purposes. Public lectures have been given, describing the use of these instruments and the principles of weather forecasting. Plans are also matured for giving instruction in meteorology to children of the public and private schools, and to facilitate this work the Museum has purchased a series of lantern slides.

The Charleston Museum has the distinction of being the first museum to undertake this line of work.

LIBRARY.

The employment of a librarian as a regular member of the staff during the greater part of the year has enabled marked progress to be made in the organization of the library. The necessity, however, of changing librarians delayed the progress of this work, and the task of correlating the work of the various acting librarians is so great that it will require some months yet before the library will be brought up to date.

During the autumn 130 volumes have been bound in the Gaylord binders, greatly improving the appearance of the shelves and the accessibility and durability of the books. One of the most serious needs of the library is money for permanent binding.

The library is especially indebted to Mr. William Brewster for a valuable series of ornithological books, pamphlets and journals; to Dr. Daniel S. Martin for a similar series of geological literature; to Mr. William G. Hinson for a copy of Michaux's North American Sylva; to Dr. John Forrest for astronomical books; to the daughters of John Bachman for his unpublished manuscript work on American entomology with drawings in color; to Mr. Patrick Calhoun for important works on local scientific history and on early voyages of discovery, presented through Mr. Waring P. Carrington; to Mr. Fitzhugh Salley for a subscription to *The Auk*; and to Miss Henrietta Murdoch for the *National Geographic Magazine*. Mr. William M. Bird presented a set of the Iconographic Encyclopaedia, late in 1908, which was not included in the report for that year.

In addition to money for binding, the library needs a series of modern reference books, including dictionary, encyclopedia, and others.

BIOLOGICAL SURVEY.

The biological survey has been largely confined to birds until this year, when additional record forms were devised, and the survey extended to other groups. The results of the bird survey were printed in the February issue of the BULLETIN and are very creditable, considering the limited opportunity for field work on which they are based.

A beginning has been made in recording the flowering plants and trees, and plans have been laid for a special survey of the trees of the city, to be prosecuted by members of the Natural History Society.

From the few records of fishes it is evident that this group promises to yield important results when examined more extensively. A number of species have been added to the list of snakes previously recorded, many of these having been exhibited alive.

A survey of the spiders has been begun and some records for insects have been obtained. As the Museum has no entomologist, however, the insects are studied merely for educational work.

TREASURER'S REPORT.

College of Charleston, in account with City Treasurer of
Charleston, 1909.

GENERAL—

To cash received from City Treasurer for appropriation, 1909	\$4,000.00	
By cash paid salaries and current expenses, 1909		\$4,000.00
	<u>\$4,000.00</u>	<u>\$4,000.00</u>

LIGHTING—

To cash received from City Treasurer for appropriation, 1909	\$ 50.00	
By cash paid on account of lighting, 1909		\$ 50.00
	<u>\$ 50.00</u>	<u>\$ 50.00</u>

DORMITORY—

To cash received from City Treasurer for appropriation, 1909	\$ 200.00	
By cash paid on account of dormitory debt		\$ 200.00
	<u>\$ 200.00</u>	<u>\$ 200.00</u>

DEFICIENCY—

Caused by expenditures for increased number of students and for preservation of books and papers in Library:

To cash received from City Treasurer for appropriation, 1909	\$ 250.00	
By cash paid on acc't of excess in expenditures		\$ 250.00
	<u>\$ 250.00</u>	<u>\$ 250.00</u>

ARTHUR MAZYCK,

Treasurer, College of Charleston.

COLLEGE MUSEUM—MAINTENANCE ACCOUNT.

In Account with City Treasurer of Charleston.

Dr.

1909.		
Feb.	To cash received for services and current expenses	\$ 138.46
Mar.	To cash received for services and current expenses	313.86
April 1	To cash received for services and current expenses	273.22
May 1	To cash received for services and current expenses	290.62

June	1	To cash received for services and current expenses	265.13
July	1	To cash received for services and current expenses	203.29
Aug.	1	To cash received for services and current expenses	145.55
Aug.	31	To cash received for services and current expenses	152.00
Oct.	1	To cash received for services and current expenses	183.32
Nov.	2	To cash received for services and current expenses	193.94
Dec.	2	To cash received for services and current expenses	274.28
Dec.	30	To cash received for services and current expenses	66.33

Cr.

Feb.		By cash paid services and expenses as per voucher	\$ 138.46
Mar.		By cash paid services and expenses as per voucher	313.86
April	1	By cash paid services and expenses as per voucher	273.22
May	1	By cash paid services and expenses as per voucher	290.62
June	1	By cash paid services and expenses as per voucher	265.13
July	1	By cash paid services and expenses as per voucher	203.29
Aug.	1	By cash paid services and expenses as per voucher	145.55
Aug.	31	By cash paid services and expenses as per voucher	152.00
Oct.	1	By cash paid services and expenses as per voucher	183.32
Nov.	2	By cash paid services and expenses as per voucher	193.94
Dec.	2	By cash paid services and expenses as per voucher	274.28
Dec.	30	By cash paid services and expenses as per voucher	66.33
			<hr/>
			\$2,500.00 \$2,500.00

ARTHUR MAZYCK,
Treasurer, College of Charleston.

HIGH SCHOOL OF CHARLESTON.

Charleston, S. C., March 19, 1910.

Hon. R. G. Rhett, Mayor.

DEAR SIR: Enclosed I send the Annual Report of the
Principal of the High School of Charleston.

Yours very truly,

JAMES SIMONS,

President of Trustees of the High School of Charleston.

Charleston, S. C., December 31, 1909.

*The President and Trustees
of the High School of Charleston.*

Gentlemen:

I have the honor to make the following report in regard
to the work and condition of the school.

The attendance during the three sessions of the past year
has been as follows:

JANUARY 1 TO MARCH 31.

	PUPILS.
First Class	19
Second Class	31
Third Class, Section A.	27
Third Class, Section B.	24
Fourth Class, Section A.	32
Fourth Class, Section B.	31
Fourth Class, Section C.	30
Total.....	194

APRIL 1 TO JUNE 30.

	PUPILS.
First Class	18
Second Class	31
Third Class, Section A.	26

Third Class, Section B.	24
Fourth Class, Section A.	30
Fourth Class, Section B.	30
Fourth Class, Section C.	26
<hr/>	
Total.....	185

OCTOBER 1 TO DECEMBER 31.

	PUPILS.
First Class	16
Second Class	30
Third Class, Section A.	32
Third Class, Section B.	27
Fourth Class, Section A.	36
Fourth Class, Section B.	35
Fourth Class, Section C.	36
<hr/>	
Total.....	212

It will be seen from this statement of the number of pupils enrolled that the attendance at the school has been about the same as in previous years. The enrollment for the sessions January to March and March to July is always somewhat less than during the first session, from October to January, as it is invariably the case that a certain per cent. fall off for failure to meet the requirements, and others are withdrawn by parents on account of sickness or from other unavoidable causes.

The extra appropriation made by City Council was expended in making such necessary repairs on the building as are due to wear and tear and natural decay.

The year has been marked by several changes in the corps of teachers which have deprived the school of the services of some of its able and zealous teachers. This has been unusual, as for some years there was no change in the teaching force at the Institution, and the continued and unbroken term of service was productive of a very high grade of efficiency among the teachers employed. In January Mr. Charles E. Meyer tendered his resignation for the purpose of engaging in some mercantile pursuit.

Mr. Meyer had been connected with the school for a number of years. He first entered upon the work of the Institution in 1900 as the teacher of the preparatory class, and when that class was abolished by the action of the Board, the necessity for it having ceased to exist, Mr. Meyer was elected an assistant teacher in English. As head of the Preparatory Department and also in the upper school, he rendered good and faithful service. It was with sincere regret that the resignation was accepted.

Mr. F. William Cappelmann, a first honor graduate of the school and the first honor man in his class, at Newberry College, was secured to fill the vacancy created, and has been, since this time, giving great satisfaction in the work of the English Department.

In June of this year the school lost the valuable services of Dr. H. Swinton MacGillivray and Dr. A. Burnet Rhett, who, for more than ten years had successfully conducted the English Department of the School, and who, by their unceasing and well-directed efforts, had developed this part of the curriculum to a very high state of excellence.

Both of these gentlemen were able and scholarly men and experienced and enthusiastic teachers. The severance of their connection with the school was a distinct loss, which was sincerely regretted by the Board and their associates.

The places of these teachers were filled by the election of Mr. Thomas F. Mosimann and Mr. F. William Cappelmann. Mr. Malcolm R. Cain was elected to the position made vacant by the promotion of Mr. Cappelmann.

The work of the English Department has been well conducted by the new teachers who have assumed charge of it, and I am satisfied that the Board has secured good material in the present incumbents, and that they will not fail to maintain the high standard set by their predecessors.

In December the condition of health of Mr. James J. Andrews, the head of the Classical Department, required a leave of absence, which the Board readily granted in recognition of his long and faithful discharge of his duties and his devotion to the interests of the school. The Board was fortunate in securing Mr. Vernon Cook to supply the place

of Mr. Andrews until the opening of the next session. Mr. Cook is a graduate of the University of South Carolina and is a classical scholar of recognized ability, a good disciplinarian and a teacher capable of imparting his knowledge.

The seventieth session of the school closed June 25th, and the closing exercises attracted to the school building a large number of the friends of the Institution. Thirteen members of the first class, having accomplished the course of study laid down, were awarded the certificates given by the school.

The following are the names of the graduates:

Burgh Smith Burnet.
George Moffett Dillingham.
George Elliott Grimball.
William Barnwell Kelly.
Henry Edward Losse.
Frederick Honour McDonald.
William Hampton Mixson, Jr.
Harold Alwyn Mouzon.
Edward L. Prause.
Theodore Davis Ruddock, Jr.
Ralph Baxter Simmons.
Edward E. Wehmann, Jr.
Walter Thomas Werner.

The Ferguson-Colcock conduct medal was awarded to George Elliott Grimball of the graduating class, and was presented by Hon. James Simons, the President of the Board, who, in presenting this award for gentlemanly deportment and honorable conduct, explained the circumstance of the gift of the conduct medal; telling of the fine character of the young man whose exemplary life was cut short in his school days, but is still commemorated by this annual custom, instituted in his memory.

By contract with the City Board of School Commissioners, the graduates of the Bennett, Crafts and Courtenay Schools are admitted to the school for the full four years' course. The pupils who enter from the public schools of

the city are allowed to choose whether they will pursue the full classical course or the business course, where, in addition to the Mathematics and English of the regular course, they can acquire a knowledge of Bookkeeping, Business Methods, Commercial Forms and Laws, Shorthand and the practical use of the typewriter.

The afternoon school, established three years ago, continues to be a useful adjunct to the school. The object of this school is to give assistance to the pupils at the school building in the preparation of the lessons for the following day and to aid them in overcoming difficulties met with in the daily class room work. The attendance is entirely voluntary on the part of the pupils, and the number in attendance each afternoon is gratifying, and evidences the appreciation with which this new department is regarded.

It is with pleasure that I call attention to the scholarships won in competitive examination by recent graduates from the Institution. This is an indication of the careful and thorough preparation of the pupils who complete the course of study.

During the summer of this year Henry E. Losse, a graduate of the class of 1909, was the successful competitor for the appointment to the Citadel, and Theodore D. Rud-dock, Jr., another member of the same class, was the winner of a cadetship at Annapolis, on the appointment of the Senior Senator from this State. The examination was held at Columbia, on November 1, 1909, and there were seventeen contestants from all parts of the State.

It is very gratifying to note the remarks of Senator B. R. Tillman in announcing the result of the examination. He said: "This is the fourth successive appointment that has been won by Charleston boys, and it speaks well for the thoroughness and drill of the schools of that city, so much so that the teachers and county superintendents in other parts of the State may pardon a suggestion that the system in Charleston and the work of its teachers must be worth their careful study and imitation."

All of the boys alluded to in this observation were graduates of the High School of Charleston, and nothing need

be added in regard to the faithful labors of the corps of teachers to keep up the standard which the school has always maintained.

Very respectfully,

W. M. WHITEHEAD,
Principal High School of Charleston.

PUBLIC SCHOOL COMMISSIONERS.

Charleston, S. C., November 10, 1909.

*The Hon. Senator
and the Members of the Delegation
from Charleston in the General Assembly
of the State of South Carolina.*

Gentlemen:

The City Board of Public School Commissioners for the City of Charleston have the honor to submit to you their report for the year ending June 30, 1909, as required by the Act of the General Assembly, approved February 24, 1908.

Very respectfully yours,
(Signed.) JAMES SIMONS,
Chairman.

REPORT OF THE CITY BOARD OF PUBLIC
SCHOOL COMMISSIONERS FOR THE CITY
OF CHARLESTON FOR THE YEAR
ENDING JUNE 30, 1909,

Pursuant to Act of the General Assembly, Approved
February 24, 1908. (25 Vol. Stat., p. 1349.)

ACCOUNT OF THE CLERK OF THE BOARD.

GENERAL ACCOUNT.

1908.

RECEIPTS.

July 1,	Cash Balance	\$ 84.30	
" 11,	Received from City Treasurer, being ¼ of the \$1,000 allowed by City Council on the funds of the Board in the City Treasury	250.00	
" 21,	Recd. from City Treasurer	1,085.00	
			\$ 1,419.30

Oct. 2,	Recd. from City Treasurer	\$ 900.00	
" 28,	Recd. from City Treasurer	8,839.41	
			9,739.41
Nov. 17,	Recd. from City Treasurer	\$ 283.61	
" 25,	Recd. from City Treasurer	7,254.37	
			7,537.98
Dec. 12,	Recd. from City Treasurer, being ½ of the \$1,000 allowed by City Council on the funds of the Board in the City Treasury	\$ 500.00	
Dec. 22,	Recd. from City Treasurer	7,367.37	
			7,867.37
1909.			
Jan. 4,	Recd. from City Treasurer	\$ 4,000.00	
" 12,	Recd. from Miss Virginia Caldwell, being excess of salary for Dec., 1908	6.00	
" 26,	Recd. from City Treasurer	9,109.30	
			\$13,115.30
Feb. 6,	Recd. from City Treasurer	\$ 186.50	
" 25,	Recd. from City Treasurer	7,367.14	
			7,553.64
Mch. 6,	Recd. from City Treasurer	\$ 611.13	
" 11,	Recd. from City Treasurer	263.00	
" 22,	Recd. from Triest & Israel. refund on Insurance Premium	9.00	
" 24,	Recd. from City Treasurer	7,614.20	
			8,497.33
Apr. 15,	Recd. from Gordon & Dunkin, re- fund on Insurance Premium.....	\$ 7.86	
" 19,	Recd. from Miss Bertha Pringle, be- ing excess of salary for Mch., 1909	7.50	
" 21,	Recd. from Henry Schachte & Son, refund on Insurance Premium	7.23	
" 22,	Recd. from City Treasurer	323.18	
" 27,	Recd. from City Treasurer	7,347.75	
			7,693.52
May 4,	Recd. from T. T. Hyde, refund on Insurance Premium	\$ 14.00	
" 6,	Recd. from City Treasurer	1,103.11	
" 26,	Recd. from City Treasurer	7,616.72	
			8,733.83
June 4,	Recd. from City Treasurer	\$ 1,666.68	
" 7,	Recd. from Domestic Science De- partment of Memminger School..	31.35	
" 15,	Recd. from City Treasurer	8,201.23	

June 22,	Recd. from City Treasurer, being ½ of the \$1,000 allowed by the City Council on the funds of the Board in the City Treasury	\$ 500.00	
" 23,	Recd. from Miss Harriot Holmes, being excess of salary for June, 1909	1.50	
" 23,	Recd. from Miss Elinor Pundt, be- ing excess of salary for June, 1909	1.50	
" 30,	Recd. from the County Treasurer, being surplus funds from School Districts 3, 6 and 10	2,100.00	
			\$12,502.26
	Total Receipts		\$84,659.94

DISBURSEMENTS.

1908.

July 1,	Paid Siegling Music House	\$ 4.00
" 2,	" Charleston Light & Water Co.	64.16
" 2,	" M. H. Lazarus Co.	2.28
" 2,	" C. L. Legerton .....	.20
" 2,	" C. C. Ry., G. & E. Co.	1.60
" 2,	" Louis Cohen & Co.	1.10
" 6,	" John Macmillan	2.75
" 6,	" C. J. Powers	2.20
" 6,	" Lanneau's Art Store	1.00
" 9,	" Southern Bell Telephone Co.	3.39
" 11,	" A. J. Riley	19.30
" 11,	" News and Courier Co.	20.60
" 14,	" Isaac G. Dixon .....	.15
" 14,	" Charleston Review	1.50
" 16,	" Charleston Evening Post	3.60
" 16,	" Germania Savings Bank	6.00
" 21,	" R. E. Wilson	50.00
" 22,	" L. J. Hollings	300.00
" 22,	" Kinloch, Middleton Co.	80.00
" 22,	" Equitable Insurance Co.	40.00
" 22,	" Triest & Israel	40.00
" 22,	" Wm. S. Hastie & Son.	40.00
" 22,	" Reeves & McTureous	40.00
" 22,	" Pinckney & Pinckney	40.00
" 22,	" Dowie & Mure	80.00
" 22,	" C. T. Lowndes & Co.	80.00
" 22,	" Ravenel, Johnson & Robertson	40.00
" 22,	" Reeves & McTureous	16.00

July 23,	Paid Robertson & Pinckney	\$ 20.00
" 23,	" A. M. Arnot	42.19
" 23,	" H. P. Archer (postage)	3.41

Disbursements for July, 1908.....\$ 1,045.43

Examined and found correct, as per vouchers:

T. A. WILBUR,

For Finance Committee.

1908.

Sept. 19,	Paid J. R. Lewis	\$ 46.00
" 21,	" R. H. Daniell	93.15
" 21,	" R. M. Masters	23.15
" 21,	" Legare & Rhett	24.35
" 21,	" Charleston Evening Post	5.40
" 21,	" News and Courier Co.	32.00
" 22,	" Henry A. M. Smith, Esq.	5.09
" 22,	" L. A. Williman	20.00
" 23,	" Southern Bell Telephone Co.	3.20
" 23,	" M. H. Lazarus Co.	4.30
" 23,	" C. L. Legerton	1.11
" 23,	" G. W. Aimar & Co.	1.50
" 23,	" Electric Supply Co.	4.05
" 23,	" C. C. Ry., G. & E. Co.	1.60
" 23,	" A. J. Riley	3.95
" 23,	" Walker, Evans & Cogswell Co.	1.50
" 23,	" Ravenel, Johnson & Robertson	8.00
" 23,	" W. K. Tate	3.64
" 29,	" Henry Schachte & Son	36.00

Disbursements for Sept., 1908.....\$ 317.99

Examined and found correct, as per vouchers:

T. A. WILBUR,

For Finance Committee.

1908.

Oct. 2,	Paid Southern Bell Telephone Co.	\$ 3.00
" 2,	" C. L. Legerton	20.41
" 2,	" C. C. Ry., G. & E. Co. ....	.84
" 3,	" R. J. Morris	98.55
" 3,	" Walker, Evans & Cogswell Co.	25.00
" 3,	" Wm. M. Bird & Co. ....	.75
" 3,	" L. J. Hollings	543.50
" 5,	" Charleston Light & Water Co.	64.16

Education in Charleston.

331

Oct. 6,	Paid News and Courier Co.	\$ 21.00
" 8,	" Charleston Review	6.00
" 10,	" A. W. Todd	110.00
" 12,	" M. H. Lazarus Co	42.65
" 12,	" Frick Clock Co.	10.00
" 12,	" Charleston Drug Co.	6.40
" 29,	" A. J. Riley	23.00
" 29,	" Charleston Evening Post	6.30
" 30,	" Salary of Superintendent	294.44
" 30,	" Salaries Memminger School	1,233.17
" 30,	" " Bennett School	1,071.68
" 30,	" " Crafts School	892.43
" 30,	" " Courtenay School	1,203.08
" 30,	" " Shaw School	1,015.21
" 30,	" " Simonton School	1,138.20
" 30,	" Salary Otto Muller	72.22
" 30,	" Trustees High School, Charleston.....	1,666.66
" 30,	" H. P. Archer, Superintendent	10.00
" 30,	" W. K. Tate, Principal Memminger School....	10.00
" 30,	" Edward Carroll, Principal Shaw School.....	10.00
Disbursements for Sep., 1908.....		\$ 9,598.65

Examined and found correct, as per vouchers:

T. A. WILBUR,
For Finance Committee.

1908.

Nov. 5,	Paid Southern Bell Telephone Co.	\$ 6.00
" 6,	" George B. Lee,	150.00
" 9,	" Miss M. H. Gibbes .....	.45
" 9,	" W. K. Tate	12.40
" 9,	" L. E. Knott Apparatus Co. ....	.81
" 9,	" Charleston Board Public Works.....	.75
" 10,	" Charleston Review	5.50
" 12,	" Strohecker & McDermid	1.55
" 12,	" M. H. Lazarus Co.....	5.30
" 12,	" S. Thomas & Bro.....	1.50
" 12,	" C. C. Ry., G. & E. Co.....	4.00
" 12,	" John Macmillan	2.00
" 18,	" Miss E. M. Getz	25.00
" 18,	" C. L. Legerton	128.11
" 18,	" Siegling Music House	9.25
" 18,	" Charleston Evening Post	10.20
" 18,	" Miss E. G. Gaillard	12.00
" 18,	" News and Courier Co.	19.00

Nov. 18,	Paid Walker, Evans & Cogswell Co.....	\$ 42.25
" 20,	" L. J. Hollings	44.00
" 27,	" Salary of Superintendent	294.44
" 27,	" Salaries Memminger School	1,241.17
" 27,	" " Bennett School	1,020.16
" 27,	" " Crafts School	895.83
" 27,	" " Courtenay School	1,148.40
" 27,	" " Shaw School	1,081.21
" 27,	" " Simonton School	1,178.79
" 27,	" Salary Otto Muller	72.22
" 27,	" L. J. Hollings	30.65
" 27,	" H. P. Archer, Superintendent	10.00
" 27,	" J. A. Finger, Principal Courtenay School....	10.00
" 27,	" D. M. O'Driscoll, Principal Bennett School..	10.00

Disbursements for Nov., 1908.....\$ 7,472.94

Examined and found correct, as per vouchers:

T. A. WILBUR.

For Finance Committee.

1908.

Dec. 2,	Paid Paul M. Rea	\$ 15.00
" 5,	" Southern Bell Telephone Co.....	3.72
" 5,	" M. H. Lazarus Co.	11.00
" 5,	" C. L. Legerton	4.85
" 5,	" Siegling Music House .....	.50
" 5,	" C. C. Ry., G. & E. Co.	2.00
" 5,	" Wm. Johnson & Co.	45.00
" 5,	" Consumers Coal Co.	60.00
" 5,	" McLoy Bros.	30.00
" 5,	" Charleston Evening Post	7.50
" 5,	" Walker, Evans & Cogswell Co.	29.35
" 7,	" Israel Ancrum .....	.25
" 7,	" Daggett Printing Co.	8.75
" 8,	" Louis Cohen & Co.	6.50
" 12,	" L. J. Hollings	37.00
" 14,	" Bailey-Lebby Co.	420.00
" 14,	" L. J. Hollings	27.15
" 16,	" A. J. Riley	28.60
" 16,	" J. A. Finger	1.00
" 23,	" Salary of Superintendent	294.44
" 23,	" Salaries Memminger School	1,217.01
" 23,	" " Bennett School	1,038.15
" 23,	" " Crafts School	894.63
" 23,	" " Courtenay School	1,217.12
" 23,	" " Shaw School	1,066.96

Dec. 23,	Paid Salaries Simonton School	\$ 1,114.68
" 23,	" L. Y. Dawson	25.00
" 23,	" Salary Otto Muller	72.22
" 23,	" W. H. Hall	14.50
" 23,	" L. J. Hollings	45.80
" 23,	" H. P. Archer (for postage)	8.75
" 28,	" J. L. Honour, Agt	32.00
" 23,	" Geo. E. Huguenin, Agt.	16.00
" 28,	" Robert H. Duryca, Agt.	16.00

Disbursements for Dec., 1908.....\$ 7,811.43

Examined and found correct, as per vouchers:

T. A. WILBUR,
For Finance Committee.

1909

Jan. 4,	Paid H. D. Schumacher	\$ 90.00
" 4,	" J. H. Wilson	2.00
" 4,	" W. K. Tate, Treas. Domestic Science Building Fund	4,000.00
" 5,	" Southern Bell Telephone Co.	4.26
" 5,	" Charleston Light & Water Co.	64.16
" 5,	" M. H. Lazarus Co. ....	.25
" 5,	" C. L. Legerton	2.59
" 8,	" D. Stehmer .....	.60
" 11,	" Louis Cohen & Co.	22.00
" 11,	" Phoenix Furniture Co.	9.00
" 11,	" C. C. Ry., G. & E Co.....	1.00
" 11,	" McLoy Bros.	24.00
" 11,	" Consumers Coal Co.	30.00
" 11,	" Wm. Johnson & Co.	45.00
" 11,	" Walker, Evans & Cogswell Co.....	6.00
" 13,	" James Cosgrove, Agt.	12.00
" 23,	" Mitchell & Smith, Attorneys	1.44
" 27,	" Trustees High School, Charleston	1,666.66
" 29,	" Salary of Superintendent	294.44
" 29,	" Salaries Memminger School	1,271.97
" 29,	" " Bennett School	1,070.13
" 29,	" " Crafts School	894.63
" 29,	" " Courtenay School	1,202.12
" 29,	" " Shaw School	1,087.21
" 29,	" " Simonton School	1,131.42
" 29,	" Salary of Otto Muller	72.22
" 29,	" H. P. Archer, Superintendent	10.00

Jan. 29,	Paid R. E. Seabrook, Principal Crafts School.....\$	10.00
" 29,	" W. K. Tate, Principal Memminger School...	10.00

Disbursements for Jan., 1909\$ 13,035.10

Examined and found correct, as per vouchers:

T. A. WILBUR,

For Finance Committee.

1909.

Feb. 1,	Paid L. J. Hollings	\$ 64.90
" 1,	" A. J. Riley	193.50
" 3,	" Southern Bell Telephone Co.	3.30
" 3,	" C. L. Legerton	1.10
" 3,	" Mutual Carpet Co.	10.00
" 3,	" Lanneau's Art Store	1.00
" 3,	" C. C. Ry., G. & E. Co.	2.08
" 3,	" McLoy Bros.	39.00
" 3,	" M. H. Lazarus Co.	26.25
" 3,	" Walker, Evans & Cogswell Co.	44.15
" 3,	" Isaac Hammond	3.00
" 8,	" Wm. Johnson & Co.	67.50
" 8,	" Consumers Coal Co.	52.50
" 8,	" Daggett Printing Co.	10.75
" 8,	" S. Thomas & Bro.	1.50
" 8,	" Miss Irene Gaillard	6.00
" 8,	" Miss Virginia Elfe	1.50
" 9,	" A. J. Riley	54.95
" 10,	" J. A. Finger .....	.45
" 26,	" H. P. Archer (for postage)	8.25
" 26,	" Salary of Superintendent	294.44
" 26,	" Salaries Memminger School	1,273.57
" 26,	" " Bennett School	1,074.65
" 26,	" " Crafts School	852.71
" 26,	" " Courtenay School	1,210.43
" 26,	" " Shaw School	1,082.59
" 26,	" " Simonton School	1,113.72
" 26,	" Salary of Otto Muller	72.22
" 27,	" J. C. O'Connor	2.00

Disbursements for Feb., 1909.....\$ 7,608.01

Examined and found correct, as per vouchers:

T. A. WILBUR,

For Finance Committee.

1909.

Mch.	4,	Paid S. Thomas & Bro.	\$ 5.00
"	6,	" L. J. Hollings	52.35
"	6,	" James Simons, Esq.	611.13
"	8,	" S. Thomas & Bro.	1.50
"	8,	" George H. Bahr	26.06
"	8,	" Southern Bell Telephone Co.	3.81
"	8,	" James Allan & Co.	3.50
"	8,	" M. H. Lazarus Co.	3.25
"	8,	" C. L. Legerton	45.43
"	8,	" Siegling Music House .....	.50
"	9,	" McLoy Bros.	37.50
"	9,	" Consumers Coal Co.	82.50
"	9,	" Wm. Johnson & Co.	52.50
"	9,	" C. C. Ry., G. & E. Co.	3.32
"	10,	" A. Duffy & Son	2.00
"	10,	" W. K. Tate	8.40
"	10,	" Miss E. H. Taylor	7.50
"	10,	" Miss Irene Gaillard	3.00
"	11,	" A. J. Riley	137.05
"	12,	" Walker, Evans & Cogswell Co.	22.25
"	15,	" Wm. S. Hastie & Son	24.00
"	17,	" Henry Schachte & Son	24.00
"	26,	" Southern Railway Co.	2.19
"	26,	" Electric Supply Co.	3.00
"	26,	" Salary of Superintendent	294.44
"	26,	" Salary of Otto Muller	72.22
"	26,	" Salaries Memminger School	1,286.03
"	26,	" " Bennett School	1,071.62
"	26,	" " Crafts School	897.63
"	26,	" " Courtenay School	1,232.12
"	26,	" " Shaw School	1,102.88
"	26,	" " Simonton School	1,211.76

Disbursements for March, 1909\$ 8,330.44

Examined and found correct. as per vouchers:

T. A. WILBUR,
For Finance Committee.

1909.

Apr.	2,	Paid Charleston Light & Water Co.	\$ 64.16
"	5,	" A. J. Riley	227.00
"	6,	" Southern Bell Telephone	3.00
"	6,	" James Allan & Co.	1.50
"	6,	" M. H. Lazarus & Co.	7.90
"	6,	" C. L. Legerton	1.50

Apr. 6,	Paid	Mutual Carpet Co.	\$ 4.30
" 6,	"	C. C. Ry., G. & E. Co.	2.00
" 6,	"	McLoy Bros.	31.25
" 6,	"	Consumers Coal Co.	37.50
" 13,	"	Robertson & Pinckney	1.00
" 14,	"	Electric Supply Co.	3.00
" 14,	"	A. J. Riley	4.25
" 14,	"	Walker, Evans & Cogswell Co.	11.00
" 14,	"	Isaac Hammond	42.00
" 14,	"	Wm. Johnson & Co.	67.50
" 20,	"	Wm. Thompson ....	.50
" 22,	"	W. K. Tate	34.25
" 23,	"	L. J. Hollings	44.40
" 23,	"	Daggett Printing Co.	16.50
" 26,	"	Hall T. McGee Co.	56.21
" 28,	"	Henry Smith ....	.50
" 30,	"	Salary of Superintendent	294.44
" 30,	"	Salaries Memminger School	1,297.17
" 30,	"	" Bennett School	1,074.68
" 30,	"	" Crasts School	896.13
" 30,	"	" Courtenay School	1,230.89
" 30,	"	" Shaw School	1,107.90
" 30,	"	" Simonton School	1,259.07
" 30,	"	Salary of Otto Muller	72.22

Disbursements for April, 1909\$ 7,893.72

Examined and found correct as per vouchers:

T. A. WILBUR,
For Finance Committee.

1909.

May 4,	Paid	C. C. Ry., G. & E. Co.	\$ 2.00
" 4,	"	Southern Bell Telephone Co.	4.83
" 4,	"	Adam Roessler	1.00
" 6,	"	J. O. Lea, City Treasurer	750.00
" 7,	"	M. H. Lazarus Co.	7.25
" 7,	"	Electric Supply Co.	1.55
" 7,	"	Charleston Evening Post	3.60
" 7,	"	J. D. Kelly, Insurance Agt.	1.50
" 7,	"	R. H. Duryea, Insurance Agt. ....	.92
" 7,	"	Triest & Israel, Insurance Agt.	1.95
" 7,	"	James Cosgrove, Insurance Agt. ....	.69
" 7,	"	Geo. E. Huguenin, Insurance Agt. ....	.91
" 7,	"	Pinckney & Pinckney, Insurance Agt.	2.35
" 7,	"	Reeves & McTureous, Insurance Agt.	2.75
" 7,	"	Dowie & Mure, Insurance Agt.	3.95
" 7,	"	C. T. Lowndes & Co., Insurance Agt.	4.39
" 7,	"	Ravenel, Johnson & Robertson, Insurance Agt.	18.76

May	7,	Paid News and Courier Co.	\$ 4.80
"	8,	" L. J. Hollings	83.10
"	8,	" A. J. Riley	1.25
"	8,	" Legare & Rhett, Insurance Agts.	54.45
"	8,	" Equitable Fire Insurance Co.	2.65
"	8,	" C. J. Redding, Insurance Agt.	54.86
"	8,	" L. M. Pinckney, Insurance Agt.	54.19
"	8,	" T. T. Hyde, Insurance Agt.	63.75
"	11,	" McLoy Bros.	7.50
"	11,	" Wm. Johnson & Co.	12.25
"	11,	" Daggett Printing Co.	56.45
"	11,	" Triest & Israel, Insurance Agts.	63.75
"	11,	" Hall T. McGee Co., Insurance Agts.	20.40
"	12,	" L. A. Williman	1.00
"	12,	" C. L. Legerton	99.90
"	14,	" Wm. S. Hastie & Son	28.96
"	14,	" Siegling Music House	8.00
"	26,	" N. G. Duffy	3.00
"	26,	" Walker, Evans & Cogswell Co.	138.50
"	28,	" Salary of Superintendent	294.44
"	28,	" Salaries Memminger School	1,274.00
"	28,	" " Bennett School	1,076.13
"	28,	" " Crafts School	894.63
"	28,	" " Courtenay School	1,221.62
"	28,	" " Shaw School	1,112.71
"	28,	" " Simonton School	1,238.97
"	28,	" Salary of Otto Muller	72.22
"	28,	" Salary of George Veronee	37.50
"	29,	" Charleston Evening Post	18.00
"	29,	" L. J. Hollings	39.50

Disbursements for May, 1909\$ 8,846.88

Examined and found correct, as per vouchers:

T. A. WILBUR,
For Finance Committee.

1909.

June	1,	Paid Charleston Review	\$ 10.00
"	1,	" J. C. O'Connor .....	.50
"	3,	" Southern Bell Telephone Co.	3.00
"	3,	" G. W. Aimar Co.	1.65
"	3,	" M. H. Lazarus Co.	9.80
"	3,	" C. L. Legerton	4.60
"	3,	" C. C. Ry., G. & E. Co.	2.00
"	3,	" Charleston Evening Post	3.90
"	3,	" Walker, Evans & Cogswell Co.	31.00

June 4,	Paid Miss M. C. Robertson	\$ 1.50
" 4,	" Miss J. M. Simons	3.00
" 4,	" Trustees High School, Charleston	1,666.68
" 7,	" Miss Elsie Warren	88.89
" 8,	" N. G. Duffy	3.25
" 8,	" Lanneau's Art Store	1.60
" 8,	" News and Courier Co.	36.20
" 10,	" R. E. Seabrook, for Library Crafts School..	5.00
" 10,	" Miss Hattie Lea	13.25
" 10,	" Miss Mattie E. Knox	8.00
" 17,	" Salary of Superintendent	294.44
" 17,	" Salary of Otto Muller	72.22
" 17,	" Salaries Memminger School	1,317.05
" 17,	" " Bennett School	1,149.75
" 17,	" " Crafts School	969.63
" 17,	" " Courtenay School	1,277.12
" 17,	" " Shaw School	1,189.44
" 17,	" " Simonton School	1,290.22
" 17,	" Salary of Geo. Veronee	200.00
" 17,	" F. W. Wamsley	36.00
" 17,	" H. P. Archer, Superintendent	10.00
" 17,	" Edw. Carroll, Principal Shaw School.....	10.00
" 17,	" F. W. Wamsley, Principal Simonton School	10.00
" 18,	" M. F. Kennedy	25.00
" 19,	" Colonial Theater Co.	50.00
" 21,	" Carl H. Metz	25.00
" 21,	" Siegling Music House .....	.50
" 22,	" C. Hickey	2.10
" 22,	" John Macmillan	4.00
" 22,	" Phoenix Furniture Co. ....	.20
" 22,	" W. W. Smith	4.80
" 22,	" Stenographer's Exchange	2.50
" 22,	" Sarah A. Webb	1.00
" 22,	" A. J. Riley	118.63
" 23,	" C. G. Braxman Co.	20.00
" 30,	" City Treasurer, being surplus funds from School Districts 3, 6 and 10	2,100.00

Disbursements for June, 1909.. \$12,073.42

Examined and found correct, as per vouchers:

T. A. WILBUR,
For Finance Committee.

Total Receipts,\$84,659.94

Total Disbursements 84,034.01

Balance July 1, 1909\$ 625.93

MITCHELL SCHOOL ACCOUNT.

Henry P. Archer, Clerk of City Board School Commissioners of City of Charleston, in Account with the Mitchell School Fund.

 1908. RECEIPTS.

Oct. 10,	Recd. from City Treasurer	\$ 5,682.25
" 16,	" " "	50.00
Nov. 10,	" " "	228.48
" 13,	" " "	9,548.05
" 17,	" " "	56.00
Dec. 10,	" " "	3,926.78
1909.		
Jan. 13,	" " "	3,266.44
" 15,	" " "	3,000.00
Feb. 13,	" " "	250.00
" 19,	" " "	4,000.00
" 23,	" " "	378.00
Mar. 1,	" " "	20.00
" 6,	" " "	82.76
" 8,	" " "	3.91
" 9,	" " "	1,778.00
Apr. 16,	" " "	2,788.86
May 11,	" " "	8,130.67
June 14,	" " "	109.43
Total of receipts		\$ 43,299.63

1908. DISBURSEMENTS.

Oct. 10,	Paid Simons-Mayrant Co.	\$ 5,682.25
" 16,	" J. H. Dingle	50.00
Nov. 10,	" J. F. Leitner	228.48
" 13,	" Simons-Mayrant Co.	9,548.05
" 17,	" Triest & Israel	56.00
Dec. 10,	" Simons-Mayrant Co.	3,926.78
1909.		
Jan. 13,	" J. F. Leitner	150.54
" 13,	" Simons-Mayrant Co.	3,115.90
" 15,	" R. M. Masters	3,000.00

Feb. 13,	Paid Hughes Well Drilling Co.	\$ 100.00
" 15,	" Hall T. McGee, Agt.	20.00
" 15,	" Margaret Redding, Agt.	20.00
" 16,	" Lawrence M. Pinckney, Agt.	20.00
" 17,	" T. T. Hyde	20.00
" 19,	" Simons-Mayrant Co.	4,000.00
" 23,	" Wm. E. Hughes, Prest.	448.00
Mch. 1,	" Legare & Rhett, Agts.	20.00
" 6,	" J. F. Leitner	82.76
" 8,	" J. F. Leitner	3.91
" 9,	" Simons-Mayrant Co.	1,778.00
Apr. 16,	" James Simons, for Leitner	41.21
" 16,	" Simons-Mayrant Co.	1,435.55
" 16,	" R. M. Masters	1,311.10
May 11,	" Simons-Mayrant Co.	7,102.37
" 11,	" E. P. Grice, for Leitner	177.36
" 12,	" C. C. Ry., G. & E. Co.	90.00
" 19,	" R. M. Masters	760.94
June 14,	" E. P. Grice, for Leitner	90.00
" 15,	" C. C. Ry., G. & E. Co.	19.43
Total of Disbursements		<u>\$43,299.63</u>

II. Other information:

The public schools of the City of Charleston during the year ending June 30, 1909, and the number of teachers employed were as follows:

	Prin.	Vice- Prin.	Tchs.	Tot'l
1. Bennett, Mr. D. M. O'Driscoll, Prin.....	1	0	17	18
2. Courtenay, Mr. J. A. Finger, Prin.....	1	0	19	20
3. Crafts, Mr. R. E. Seabrook, Prin.....	1	0	14	15
4. Memminger, Mr. W. K. Tate, Prin.....	1	0	16	17
5. Shaw, Mr. Edward Carroll, Prin.....	1	1	17	19
6. Simonton, Mr. F. W. Wamsley, Prin.....	1	1	19	21
Total.....	6	2	102	110

In addition to the above there is a corps of extra teachers, which, during the year was increased from 12 to 24 in number. Owing to the crowded condition in the schools, two additional teachers were regularly employed in the Bennett School and three in the Courtenay School. These five teachers being members of the corps of extra or substitute teachers.

The boys graduating from the Crafts, Bennett and Courtenay Schools, under a contract between the City Board of Public School Commissioners for the City of Charleston and the Trustees of the High School of Charleston, are given a four-year course in the High School of Charleston.

The City Treasurer being the custodian of the funds coming to the City Board of Public School Commissioners for the City of Charleston, the following account of the City Treasurer for the year ending June 30, 1909, shows the amount received by him for the Public Schools in the City of Charleston and the amounts paid by him to the Clerk of the Board during said period; the account of the Clerk of the Board hereinbefore given showing the disbursements of the same.

RECAPITULATION.

Year Ending June 30, 1909.

RECEIPTS.

July 1, 1908.

To Balance General Expenses	\$25,932.29	
Balance New School Building.....	20,258.87	
		\$ 46,191.16
County Treasurer:		
3 Mill Tax	\$41,195.23	
Poll Tax	4,015.62	
Dog Tax	49.61	
		45,260.46
County Dispensaries	\$20,556.89	
New School Building:		
City Tax, 1907, ½ Mill.....	10.39	
City Tax, 1908, ½ Mill.....	4,084.29	
City Tax, 1909, ½ Mill.....	5,084.07	
		29,735.64
General Expenses:		
City Tax, 1907, 1 Mill.....	\$ 20.77	
City Tax, 1908, 2 Mills.....	16,337.21	
City Tax, 1909, 2 Mills.....	20,336.35	
		36,694.33
H. P. Archer, Clerk:		
From School District No. 3,...	\$ 500.00	
From School District No. 6,...	400.00	
From School District No. 10,...	1,200.00	
		2,100.00
		\$159,981.59

EXPENDITURES.

By W. M. Bird & Co., Gen'l Expenses.....	\$ 880.00	
H. P. Archer, Clk., Gen'l Expenses.....	81,139.70	
		\$ 82,019.70
J. F. Leitner, New School Bldg.....	\$ 1,389.33	
H. P. Archer, Clk., New School Bldg...	43,299.63	
		44,688.96
H. P. Archer, Teachers Retirement Fund.....	1,492.44	
		\$128,201.10
Balance General Expenses.....	\$26,474.94	
Balance New School Bldg.	5,305.55	
		31,780.49
		\$159,981.59

ASSESSED VALUE REAL AND PERSONAL PROPERTY FOR CITY TAXATION 1908.

Real	\$13,083,085.00	
Personal,	5,877,736.00	
	<u>\$18,960,821.00</u>	@ 2½ Mills. \$ 47,402.05
Collected by City Treasurer.....		\$45,673.47
Collected by City Sheriff.....	913.29	
Worthless by return of City Sheriff....	239.00	
		<u>46,825.76</u>
Balance uncollected, executions, City Sheriff's Office		576.29
Balance uncollected, Gen'l Expenses....	\$ 461.03	
Balance uncollected, New School Bldg.	115.26	
		<u>576.29</u>

The foregoing account of the City Treasurer shows payments thus:

Total payments made by City Treasurer.....	\$128,201.10
All of which were made to the Clerk of the Board, except the following:	
1908.	
Aug. 31, W. M. Bird	\$ 880.00
Sept. 5, J. F. Leitner, Architect, New School	1,389.33
	<u>2,269.33</u>
	<u>\$125,931.77</u>

* * * * *

The total cost of the Domestic Science Annex of the Memminger School was as follows:

1. Paid architects	\$ 320.13	
	150.00	
	45.85	
	<u></u>	\$ 515.98
2. Paid J. T. Snelson, Cont....	\$ 750.00	
Amt. of cost....	\$9,146.80	2,100.00
Extra work	437.86	2,400.00
	<u>\$4,000.00</u>	
	334.66	
		<u>9,584.66</u>
3. Paid R. M. Masters, plumbing contract; amt. of contract, \$735.20,		
paid		735.00
4. Paid Robt. B. Wilson, sanitary work.....		7.50

5. Advertising	3.00	
6. City Taxes, lots north side Beaufain St.; paid as part of contract of purchase....	18.68	
7. Photograph of building	5.00	
8. Insurance, 6 and 4 and 4	14.00	
9. Equipment	\$775.00	
	136.62	
	1.00	
	180.00	
	24.20	
	<hr/>	1,116.82
10. Laborers and sundries, \$64.25+\$28.22....	92.47	
	<hr/>	\$12,093.11

Cost of property north side Beau- fain Street	\$5,000.00	
Interest	\$56.25	
Certific't's and records 7.00		
	<hr/>	63.25
		<hr/>
		\$ 5,063.25
		<hr/>
		\$17,156.36

This includes the cost of the extension of the brick wall, so as to include the property north side Beaufain Street.

A supplementary report was made by Mr. W. K. Tate, showing subsequent expenditures for equipment, etc., amounting to \$134.70, which amount was raised by receipts from Memminger Alumnae Association, Senior Class; proceeds of Class Play and funds secured by Mr. W. K. Tate.

Total amount expended on Domestic Science Annex.....	\$17,291.06	
Paid by the Board	\$4,000.00	
Paid by the Board	611.13	
	<hr/>	\$ 4,611.13
Balance.....	12,679.93	
	<hr/>	\$17,291.06

Consequently, by an outlay of \$4,611.13, property costing \$17,291.06 has been added to the property of the School Board, which cost would have been materially increased, except that several items in the way of services, etc., were contributed free of cost.

The limited school accommodations for colored children in the City of Charleston make it necessary in the opinion

of the Board to make provision to remedy this. It was determined, therefore, to endeavor to provide an additional school for colored children, which should be on industrial lines.

Ten thousand dollars has been contributed by parties outside of this State for this purpose on condition that the Board would appropriate the same amount, and this amount of ten thousand dollars is in the hands of the Board as a special fund.

The Board have also the promise of a contribution of three thousand dollars more, namely: One thousand dollars a year for three successive years to assist in maintaining the school when established.

Respectfully submitted by order of the Board,

(Signed.) HENRY P. ARCHER,
Superintendent and Clerk of the Board.

COMMISSIONERS OF PUBLIC LANDS.

Charleston, S. C., December 31, 1909.

*To his Honor Mayor Rhett
and Members of City Council.*

Gentlemen:

I have the honor to present to you my Annual Report relative to the affairs and condition of our charge of the "Ashley River Asylum, Old Folks Home" for the year of 1909. The buildings and grounds have been kept in first class condition, many needed improvements have been made as well as repairs to the buildings.

The services of both the steward and matron have continued with us, and they have fulfilled their duties entirely satisfactory to the Board. The attending dispensary physicians have responded promptly when called upon.

Extracts from Steward's report will show admissions, deaths, etc., during the year :

Number admitted	30
Dead	19
Inmates in Home	40
Sent to Roper Hospital	6
Average number of inmates	42

I submit the Annual Report of the Secretary and Treasurer of the Board, giving receipts and expenditures as attached.

Respectfully submitted,

R. M. MASTERS,
Chairman C. P. L.

Charleston, S. C., December 31, 1909.

To the Board of Commissioners of Public Lands.

Gentlemen:

I herewith hand you my report of the financial condition of the Ashley River Asylum for the year ending December 31, 1909:

To appropriation	\$5,000.00
By amount expended as per monthly returns to City Council.....	\$3,639.59
Salaries	1,203.96
	<hr/>
	4,843.55
Balance with City Treasurer.....	\$ 156.45

Officially I beg to report to the Board that I collected the following amounts and placed same to the credit of this Board with the City Treasurer:

For rent of farm.....	\$265.00
For interment fees	25.60
	<hr/>
	\$ 290.60

Respectfully submitted,

A. MARION STONE,
Secy. and Treas. C. P. L.

REPORT OF SEWER COMMISSIONERS.

Charleston, S. C., January 17, 1910.

*To the Honorable the Mayor and City Council,
Charleston, S. C.*

Gentlemen:

I herewith submit the Fifteenth Annual Report of the Board of Sewer Commissioners, as embodied in the attached report of our Engineer, Mr. J. H. Dingle.

Respectfully submitted,

T. GRANGE SIMONS, M. D.,
Chairman Board of Sewer Commissioners.

Charleston, S. C., January 1, 1910.

*Dr. T. Grange Simons,
Chairman Board of Sewer Commissioners,
City.*

Dear Sir: I have the honor to submit the Fifteenth Annual Report of the Sewer Department covering the work of 1909. The increased cost of operation shown by the statement hereto appended is due to the fact that a dual system is now in operation, including two classes of expert attendance, one for the electrical machinery and one for the steam and compressed air machinery. The section centering at Church and Water Streets is now operated by means of electrically driven centrifugal pumps, while the section centering at Gibbes and Legare Streets is still operated under the Shone compressed air system as previously. In consequence, while the services of an electrician are needed at Church and Water Streets, we still have to retain the services of the engineer and firemen at the old power house until such time as electrically driven pumps shall have been installed at Gibbes and Legare Streets, when the electrician's attention can be devoted to the two stations, and the power house closed.

Sewer connections were made during the year to the number of 31.

Plumbing permits were issued for the sewered district to the number of 68.

Plumbing permits were issued for the unsewered district to the number of 241.

Number of plumbing inspections, 618.

Below find statement of appropriations and expenditures:

Appropriation	\$8,000.00
Expenditures:	
Engineer in charge Power House	\$882.50
First Fireman	480.00
Second Fireman	475.33
Coal	491.25
Current	229.45

Power House Supplies:	
Packing	\$ 7.83
Waste	7.50
Cement and Fire Clay	1.40
Oil, water white	13.13
Oil, cylinder light	18.54
Oil, cylinder heavy	17.64
Oil, engine	10.40
Albany Grease .....	.75
Lantern Globes and Wicks	2.13
Pomade .....	.50
	<hr/> \$ 79.82
Power House Equipment:	
Feed Pump	\$33.00
Grate Bars	6.40
Tools and Fittings	10.45
	<hr/> 49.85
Pumping Station Repairs:	
Repairs to Pump	\$28.04
Repairs to Regulator	1.75
Repairs to Screen	2.81
Labor	27.02
	<hr/> 59.62
Pumping Station Maintenance	\$126.00
Cleaning	40.00
	<hr/> 166.00
Printing and Stationery	21.74
Advertising	9.00
Miscellaneous:	
Car Tickets	\$35.00
Ice	7.20
Hire Surrey for Committee	4.00
Repairs to Pressure Gauge	3.00
Stamp .....	.35
	<hr/> 49.55
	<hr/> \$2,994.11
Transferred to Sewerage Extension..	5,000.00
Balance	5.89
	<hr/> \$8,000.00

SEWERAGE EXTENSION.

The beginning of the year found the sewer construction on Broad Street, between Rutledge Avenue and Court House Square, nearing completion. This work was completed during January, by Henry Oliver, Jr., the contractor. In April a contract was entered into with the Simons-

Mayrant Company for additional sewer construction, this company being the lowest bidder under the call for proposals. Under this contract sewers were laid in the following streets: King Street, from Wentworth to Warren; Ashley Avenue, from Beaufain to Bull; Bay Street, from South to Columbus; and Rutledge Avenue, from Shepard to Sumter Streets. At present proposals have been invited for two sections of sewerage, approximately eleven and a half miles of sewers, the construction of which inaugurates the movement to complete our sewerage system. It is at present the intention to advertise for additional sections, as the work on the present sections progresses.

Below find statement of receipts and expenditures:

Balance from 1908	\$ 9,233.12	
Transferred from Sewer Department	5,000.00	
	<hr/>	\$14,233.12
Expenditures:		
Balance Sewer Construction, Broad and Rutledge Streets	\$1,624.90	
Sewer Pipe	1,479.29	
Freight on Sewer Pipe	343.21	
Cast Iron Pipe for Sewerage	272.10	
Sewer Construction, King, Ashley, Bay and Rutledge Streets	7,015.35	
Electric Motor	421.82	
Centrifugal Pump	148.30	
Hauling Pump and Motor and Cast Iron Pipe	5.00	
Freight on Pumps and Motor and Cast Iron Pipe	16.91	
Castings and Repairs	47.45	
Inspectors	676.50	
Superintendence, Pumping Station	924.00	
Labor and Repairs	10.90	
Advertising	2.16	
Repaving	6.40	
Miscellaneous	19.10	
Tap	8.75	
Hauling Terra Cotta Pipe	100.50	
	<hr/>	\$13,122.64
Balance	1,110.48	
	<hr/>	\$14,233.12

Respectfully submitted,

J. H. DINGLE,
City Engineer.

ACTS OF THE GENERAL ASSEMBLY.

ACTS OF THE GENERAL ASSEMBLY AFFECTING THE CITY
OF CHARLESTON, APPROVED IN 1909.

AN ACT to Authorize Cities Having a Population of Fifty Thousands or More, and Located Upon Navigable Streams, to Condemn Private Property for the Purpose of Extending, Improving or Protecting Their Water Fronts, and to Fill Up Low Lands at the Expense of Their Owners, When Necessary for the Purpose Aforesaid.

Section 1. BE IT ENACTED by the General Assembly of the State of South Carolina, That whenever any city of this State, having a population of fifty thousand inhabitants or more, and located upon a navigable stream, whether tidal or non-tidal, shall desire to extend, improve or protect its water front for public purposes, it shall have the right to acquire all private property needed for such extension, improvement or protection, upon the same terms and conditions and in the same manner as now provided by law or the condemnation of rights of way by railroad companies: PROVIDED, That no lands so condemned shall be resold to private owners by the said city.

Sec. 2. That whenever such extension, improvement or protection shall make necessary the filling up of low lands, owned by private parties, to a level established by the said city, and such filling up is proposed to be accomplished by excavations from the bed of a stream bordering the water front so to be extended, improved or protected, under a general plan established by said city, said low lands may be filled up by the said city at the expense of the said private owners, and the cost thereof shall be a lien upon the land so filled up; the said cost to each private owner shall be determined by the proportion which the cubic contents of the filling in each lot or parcel of land, separately owned, shall bear to the cubic contents of the whole area filled: PROVIDED, however, that if the municipality and the owner cannot agree as to the cost of the filling aforesaid to be borne by such private owner, then the same shall be determined by a proceeding in the nature of an action against such party, to be instituted by the municipality, in the Court of Common Pleas for the county in which such municipality is situated, to recover the amount claimed to be due, and the reasonable cost to be paid by such lot owner shall be determined by the jury as in the cost of similar actions.

Sec. 3. The municipality shall first notify each private owner

interested, of the plan proposed and of the level up to which said lots are to be filled and of the general plan proposed, and such private owners, may, if they see fit, arrange to fill up their lands at their own expense, such filling up to be done either prior to or contemporaneously with the filling done by the city, such filling to be in accord with the general plan adopted; and the owner or owners of any of said lands shall be entitled to use the mud or soil in the bed of the river in front of such land for the purpose of filling up their lands in preference to any other, to the extent necessary to fill such lands.

Sec. 4. In the event that any lot owner objects to the cost of filling of his lot or lots, then, and in that event, such owner may require the municipality to purchase said lot at a price agreed upon between the said municipality and the owner; and in case of failure to agree upon the price, then, and in that event, the said municipality shall proceed to condemn, and is hereby authorized to condemn, the said lot or lots; and upon paying to the owner or owners the price that may be fixed therefor, as hereinafter provided the title thereof shall vest in said municipality, who shall proceed to fill said lot or lots, and may sell the same to reimburse itself for all expenses and charges. That for the purpose of such condemnation the said municipality shall file, in the Court of Common Pleas, for the county in which said municipality is located, a petition setting forth the necessity of filling of such lots, and that the owner or owners have refused or failed to fill the same, upon being notified, and that said owner objects to the estimated cost of said filling, a copy of which petition shall be served upon the owner or owners of said lots as summons are now served in cases of law. That the Judge of said Court of Common Pleas shall thereupon cause a jury to proceed to fix the value to the said lot or lots to be paid by the said municipality.

Approved the 4th day of March, A. D. 1909.

AN ACT to Grant to the City Council of Charleston All the Right, Title, Interest and Estate of the State of South Carolina in and to Certain Lands in the Harbor of Charleston.

WHEREAS, the City Council of Charleston contemplates the extension and improvement of the water front of the said city, by extending its sea wall from the southwest extremity of White Point Garden to a point known as "Chisolm's Mill," on the Ashley River, as defined upon a plat hereinafter mentioned, and the filling in of the low lands lying between the said sea wall and the high lands of the said city, and the extension and construction of highways upon the lands so reclaimed:

Section 1. BE IT ENACTED by the General Assembly of the State of South Carolina, In consideration of the public improve-

ments involved in the work aforesaid, the State of South Carolina has given and granted, and by this Act does give and grant, unto the City Council of Charleston, its successors and assigns, all the right, title, interest and estate of the State of South Carolina as the same may now be, of, in and to the land not heretofore granted under any of the grants hereinafter mentioned, lying between high-water mark and the outer line of the sea wall so to be constructed as indicated upon the plat of Simons & Mayrant Company, dated the 19th day of January, 1909, and filed in the office of the Secretary of State, and also recorded in the office of the Register of Mesne Conveyances for the County of Charleston; and also the right to dig, excavate and remove from the bed of the Ashley River, such soil as may be necessary to fill up the land lying between the said sea wall and the high land of the present water front of the said city: PROVIDED, however, that this grant shall not be considered as prejudicing the title of any persons now having a legal title to any portion of the low lands lying below high water mark, within the line of the sea wall, as indicated on the said plat, by virtue of any legal grant heretofore made from the King, the Lord Proprietors, or this State, which legal grants are hereby confirmed.

Approved the 4th day of March, A. D. 1909.

ORDINANCES.

AN ORDINANCE

Creating the office of inspector of licenses and defining the duties thereof.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. The Mayor shall, upon the recommendation of the City Assessor, on the second Tuesday in January of every second year, appoint a fit and proper person, who shall be a special detective in connection with the assessor's department and be known as inspector of licenses, and who shall receive a salary of one hundred and twenty-five dollars per month. Such inspector of licenses shall inspect all places throughout the city where business is conducted, or performances held, to see that all persons, firms or corporations within the city are complying with the law relating to the granting of licenses, and he shall, from time to time, give such assistance as may be required of him to the legal department of the city in matters involving the city's interest, or in suits or claims brought by or against the city council of Charleston.

Section 2. All ordinances and parts of ordinances, the provisions of which are inconsistent herewith, are hereby repealed.

Ratified January 12, 1909.

AN ORDINANCE

To Amend an Ordinance Entitled "An Ordinance to Amend Section 25, of the Revised Ordinances of the City of Charleston, Relating to the Salary of the Corporation Counsel."

Be it ordained by the Mayor and Aldermen of the City of Charleston, S. C., in City Council assembled:

Section 1. That an ordinance entitled "An ordinance to amend Section 25 of the Revised Ordinances of the City of Charleston relating to the salary of the Corporation Counsel," be, and the same is hereby, amended by striking out the word "one" on the second line of Section 25 of the Revised Ordinances as amended, and inserting in lieu thereof the word "four" and by inserting after said section the words "he shall also be allowed the sum of fifty dollars per month for clerk hire, office rent and expenses," so that said section, when so amended, shall read as follows:

Section 25. The salary of the Corporation Counsel shall be twenty-four hundred dollars per annum, payable monthly: Provided, that for services rendered beyond the limits of the city,

such actual traveling and hotel expenses shall be allowed as are reasonable and just. He shall also be allowed the sum of fifty dollars per month for clerk hire, office rent and expenses.

Section 2. This ordinance shall take effect from the first day of January, 1909.

Ratified January 26, 1909.

AN ORDINANCE

To Amend Section 726 of the Revised Ordinances, Relating to Railroad Crossings, by Requiring Railroad Companies to Maintain Lights at Such Crossings.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That Section 726 of the Revised Ordinances be, and the same is hereby, amended by inserting after the word "run," on the eleventh line of said section, the words "erected and maintained at their expense, at such crossings, an electric light of not less than six hundred candle power, or some other suitable light of like power, approved by the City Electrician, and also have," so that said section, when so amended, shall read as follows:

Section 726. It shall be unlawful for any railroad train to run at a speed exceeding four (4) miles an hour within the limits of the City of Charleston, south of a line drawn from the Cooper river through Shepard street to the Ashley river, except in territory not intersected by streets, and it shall be the duty of every railroad company whose tracks run within the city limits (street railways not included) to have at the crossings of every lane, street or alley, except those not used by the public, across which its tracks may run, erected and maintained at their expense at such crossings an electric light of not less than six hundred candle power or some other suitable light of like power, approved by the City Electrician, and also have a man with a white flag during the day time and a man with a red light during the night time in advance of the engine or train, whose duty it shall be to display said flag or light whenever a train may be approaching such streets, lanes or alleys.

Section 2. That this ordinance shall become effective on and after the first day of March, 1909.

Ratified January 26, 1909.

AN ORDINANCE

To Amend Section 208, Revised Ordinances of 1903.

Be it ordained by the Mayor and Aldermen of the City of Charleston, in City Council assembled, that Section 208, of the Revised Ordinances of 1903, be, and the same is hereby, amended by striking out the word "sixteen" on line eleven, and inserting in lieu thereof the word "eighteen," so that said section, when amended, shall read as follows:

Section 208. That on the second Tuesday in May, 1905, and on the same day in every second year thereafter, a competent person, skilled in the handling and management of electrical machines and machinery, to be known as the City Electrician, shall be elected by City Council who shall serve for the term of two years from date of his election, and until his successor is elected and installed.

He shall receive an annual salary of eighteen hundred dollars, payable monthly, and shall have an office at the City Hall.

The City Electrician shall have charge of the police alarm and the general supervision of the fire alarm system of the city, and generally, so far as the interest of the city and citizens are concerned, supervise and direct the erection, conduct and maintenance of all poles, wires and other electric apparatus in, through, upon or over the streets of the City of Charleston.

He shall have such assistant or assistants as Council may from time to time allow.

Ratified February 23, 1909.

AN ORDINANCE

To Amend Section 617 of the Revised Ordinances, Relating to the License or Badges Required for Vehicles, by Adding Certain Sections Thereto.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled, that Section 617, of the Revised Ordinances, be, and the same is hereby, amended by striking out from and including the word "hacks" on the sixth line of said section, up to and including the figures "\$15.00" on the fourteenth line of said section, and inserting in lieu thereof the following:

Hacks, etc.:

- A. Carts, trucks or wagons, drawn by one horse, \$10.00.
- B. Buggies and carriages drawn by one horse, owned by licensed livery stable, \$10.00.

- C. Buggies and carriages drawn by one horse, for hire on streets, \$11.00.
- D. Carts, trucks or wagons drawn by two horses, \$15.00
- E. Buggies and carriages drawn by two horses, owned by licensed livery stables, \$15.00.
- F. Buggies and carriages drawn by two horses, for hire on streets, \$16.00.
- G. Coaches or omnibuses drawn by two horses, \$15.00.

So that section, when so amended, shall read as follows:

Section 617. For the licenses or badges, required by this section the following sums shall be paid for the use of the corporation; that is to, say, for vehicles, carts used for business purposes (including farm and phosphate carts), trucks or wagons, drays, hacks, etc.:

- A. Carts, trucks or wagons, drawn by one horse, \$10.00.
- B. Buggies and carriages drawn by one horse, owned by licensed livery stable, \$10.00.
- C. Buggies and carriages drawn by one horse, for hire on streets, \$11.00.
- D. Carts, trucks or wagons drawn by two horses, \$15.00
- E. Buggies and carriages drawn by two horses, owned by licensed livery stables, \$15.00.
- F. Buggies and carriages drawn by two horses, for hire on streets, \$16.00.
- G. Coaches or omnibuses drawn by two horses, \$15.00.

And every person applying to the City Treasurer for a license or badge, for letting or driving for hire any of the vehicles described in this section, shall take and subscribe before him the following oath, to-wit:

I, A. B., do solemnly swear (or affirm, as the case may be), that the omnibus, hack, carriage, cart, dray, truck or wagon for which I have now applied for a license is truly and bona fide my property, or the property of C. D., for whom I apply therefor as agent. So help me God.

Ratified February 23, 1909.

AN ORDINANCE

To Authorize the Registration of Bonds of the City of Charleston, Owned or Held by Municipal Institutions of the said City, or by the Trustees of the William Enston Home.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That all bonds of the City of Charleston, owned or held by Municipal Institutions of this city, or by the trustees of

the William Enston Home, may be registered by the City Treasurer in a book or books provided for that purpose, and the said bonds so registered may be transferred again to bearer; but only when, by authority of the Board of Commissioners or Trustees of such institutions, they are endorsed by the chairman and countersigned by the secretary of the board.

Ratified March 9, 1909.

AN ORDINANCE

To Regulate the Maintenance of Service Water Pipes in the Streets of the City of Charleston.

Be it ordained by the Mayor and Aldermen of City Council of Charleston, S. C., in City Council assembled:

Section 1. The water companies shall be responsible for the maintenance in good condition of the water service pipes now or hereafter located in the streets of the City of Charleston. Should a leak occur in such water service pipe, the water companies shall be notified in writing by the City Engineer to repair same without delay. In the event that the water companies shall fail to repair such pipes within twenty-four hours after such notice, such pipe shall be repaired by the City of Charleston at the expense of such water companies, who shall be liable, in addition to the actual expenses of such repairs, to a penalty of twenty per cent. of the cost of such repairs, which costs and penalties shall be recovered by suit in any court of competent jurisdiction.

Ratified March 9, 1909.

AN ORDINANCE

Regulating the Manner in Which Supplies Shall be Furnished to Municipal Institutions.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, in City Council assembled:

Section 1. That all city institutions are hereby required to call for bids (except in cases of emergency) for all supplies and merchandise used by them; said bids to be for quarterly or monthly supplies as may be deemed most expedient by the committee, commissioners or officers in charge of said institutions or departments; said bids to be made in manner now provided by law, and

no bills for any supplies shall be paid unless bids for same have been called for, and filed as now provided, or unless the chairman of the Board of Commissioners of such institution shall certify that the bill was for a case of emergency.

Ratified March 23, 1909.

AN ORDINANCE

To Strike out Section 221 of the General Ordinances of the City of Charleston and to Insert a New Section 221 in its place and stead.

Be it ordained by the Mayor and Aldermen of the City of Charleston, in City Council, assembled: That Section 221 of the General Ordinances of the City of Charleston be stricken out, and the following new Section 221 be inserted in its place and stead, so that Section 221 shall read as follows; that is, to say:

Section 221. All wires shall be erected at distance not less than twenty-two (22) feet above the level of the street, and all wires of different classes, crossing each other, shall do so at a distance not less than five (5) feet. No electric wires, cables, guys, poles, cross-arms, brackets, insulators, or other wires or fixtures shall be attached to or come in contact with any tree standing for use or ornament in any public street, lane, court, park or other public place, in the City of Charleston, without the consent of the Board of Park Commissioners. The Board of Park Commissioners may order the removal of any wires, cables, guys, poles, cross-arms, brackets, insulators, or other wires or fixtures, attached to or in contact with such trees, any of which it deems injurious to said trees, or when such removal is advisable for the protection of said trees; and it shall be the duty of the City Electrician, when requested so to do by the Board of Park Commissioners, to remove, or cause to be removed, any of such wires or wire fixtures, the cost of such removal to be charged to and paid for by, the company or person owning such wires or wire fixtures. Application shall be made to the Board of Park Commissioners whenever it shall be deemed necessary to trim any tree or trees to clear wires or any other such like purpose, and if the same be granted, said necessary trimming shall be done, in each instance, under its supervision and attention, and all expense of such trimming of said trees shall be borne and paid for, in advance, by the person or corporation making such application.

Ratified May 11, 1909.

AN ORDINANCE

To Suspend Section 567, of the Revised Ordinances of the City of Charleston.

Be it ordained by the Mayor and Aldermen of the City of Charleston in Council assembled, that Section 567 of the Revised Ordinances of the city be suspended in so far as to permit the erection of a one-story wooden physician's office building on the southwest corner of St. Philip and Wentworth streets, provided said building shall be erected according to plans and specifications approved by the Chief of the Fire Department and the City Engineer.

Ratified June 15, 1909.

AN ORDINANCE

To Regulate the Stands and Stations of Vehicles at Railroad Depots and Other Places in the City of Charleston.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. The Mayor of the city or Chief of Police shall appoint the stands or stopping places for all vehicles waiting for employment at any place or street or grounds adjacent to any railroad or railway depot, steamboat landing, wharf, theater, hall, club or hotel, and the owner or driver or person having care of any omnibus, cab, automobile or other carriage for the conveyance of passengers, truck, cart, wagon or other vehicle for the conveyance of baggage or merchandise, whether used for burden or pleasure, who shall make any stand or stopping place with or without his vehicle, while waiting for employment at any place, street, or ground adjacent to any railroad or railway depot or steamboat landing, wharf or theater, hall, club or hotel, other than the place or places designated by the Mayor or Chief of Police, shall be subject to a penalty of not less than three, nor more than twenty dollars, or imprisonment not exceeding ten days.

Section 2. It shall be unlawful for any vehicle to stand in front of the entrance of any railroad depot, theater or place of amusement, but the whole of said space, together with six feet on each side of said entrance, shall be kept clear for the use of pedestrians. The owner or driver of any vehicle who shall violate the provisions of this section shall be subject to a fine for every such offence of not more than twenty dollars or imprisonment not exceeding three days.

Ratified June 15, 1909.

AN ORDINANCE

To Amend Section 160, of the Revised Ordinances, Relating to the Penalty for Destroying or Injuring Trees, by Making the Owners of Teams or Horses Responsible for Injuries Caused by Such Teams or Horses, and by Imposing Penalties for Injuring Grass Plots Planted by the City.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled,

Section 1. That Section 160 of the Revised Ordinances be, and the same is hereby, amended by inserting after the word "them" on the fifth line of said section, the words "or shall walk upon or injure any of the grass plots planted by the city in any of the parks," and by inserting after the word "of" on the seventh line of said section, the words "not exceeding," and by inserting after the word "days" on the eighth line of said section, the words "and in case such trees or boxes shall be injured or mutilated by teams or horses, the owners or the drivers of such teams or horses shall for each and every such offence be subject to a penalty of not exceeding twenty (\$20.00) dollars or imprisonment not exceeding ten days," so that said section when so amended shall read as follows:

Section 160. Any person or persons who shall wilfully break down, destroy, injure, mutilate or remove any tree or trees already planted, or hereafter to be planted, or any of the boxes which shall or may encompass them, or shall walk upon or injure any grass plots, planted by the city in its parks, in any street, lane, alley, or open court within the city, shall, for each and every such offence, be subject to a penalty of not exceeding twenty dollars or imprisonment not exceeding ten days; and in case such trees or boxes shall be injured or mutilated by teams or horses, the owners or the drivers of such teams or horses shall for each and every such offence be subject to a penalty of not exceeding twenty (\$20.00) dollars or imprisonment not exceeding ten days; and it shall not be lawful to cut away the limbs or branches of any tree or trees already planted or hereafter to be planted for the purpose of erecting posts or suspending wires for electric light, telegraph or telephone or fire alarm service without the express permission, in writing, of said commissioners, under a penalty of twenty dollars or imprisonment in jail not exceeding thirty days for each and every violation of this section.

Ratified July 13, 1909.

AN ORDINANCE

To Authorize the Issue of Sewerage Bonds by the City Council of Charleston, to an Amount not Exceeding \$400,000.00.

Whereas, at a regular meeting of the City Council of Charleston, held on the 25th of May, 1909, a majority of the free-holders of the City of Charleston as shown by its tax books duly filed a petition with the City Council of Charleston to order a special election in said city for the purpose of issuing bonds not exceeding \$400,000, the proceeds of which bonds to be used solely for the purpose of extending and establishing sewerage in the said City of Charleston, and

Whereas, at a meeting of the City Council of Charleston, held on the 25th of May, 1909, the Committee on Sanitary matters, to whom said petition was referred, reported that an examination of said petition and of the tax books of the City of Charleston showed that a majority of the free-holders of said city as shown by the tax books had signed said petition, and recommended that Council order the election prayed for, and said report of the Sanitary Committee and its recommendations being concurred in by the Ways and Means Committee, the City Council of Charleston did on the 25th of May, 1909, order such election and adopted the following resolution:

"Resolved, That a special election be held in the City of Charleston on the 29th day of June, 1909, for the purpose of voting upon the question of the issue by City Council of Charleston of bonds not exceeding \$400,000, payable in twenty years, with interest at four (4) per cent per annum, payable semi-annually, the proceeds of which bonds are to be used solely for the purpose of establishing, extending and maintaining the sewerage system throughout the city. Said bonds to contain a provision providing for the creation of a sinking fund by an annual levy of one mill upon taxable property in the City of Charleston until the bonds be retired. The proceeds of the one-mill tax to pay interest on the outstanding bonds, and to be used for the retirement of as many of said bonds as can from time to time be purchased at a price of not more than 101 net."

And, Whereas, said election was duly and legally held on the 29th day of June, 1909, and the said question was legally decided in favor of the same, whereby the issue of said bonds is duly authorized to be made. Therefore,

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That Bonds of the City Council of Charleston be issued, not exceeding \$400,000, in such amounts as the Mayor of the city and the Committee on Ways and Means and the Commit-

tee on Sanitary Matters may from time to time direct, the proceeds of which bonds are to be used solely for the purpose of establishing, extending and maintaining the sewerage system throughout the city. Said bonds shall be payable in twenty (20) years from the first day of October, 1909, and bear interest at the rate of four (4) per cent. per annum, payable semi-annually, said interest to be evidenced by coupons attached to said bonds; the principal and interest of said bonds shall be paid in any legal tender money of the United States.

Section 2. That a sinking fund shall be created for the retirement of said bonds by an annual levy of one mill upon taxable property of the City of Charleston to be levied until the bonds be retired. The proceeds of the said one mill tax to pay the interest on outstanding bonds, and to be used for the retirement of as many of said bonds as can from time to time be purchased at a price of not more than 101 net.

Ratified August 10, 1909.

AN ORDINANCE

To Provide for the Establishment of a System of Cans for Waste Paper and Fruit Peelings, and to Prescribe Penalties for Violations of its Provisions.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That the Board of Public Works be and are hereby authorized to establish a system of cans for waste paper and fruit peelings, said cans to be located at such points in the City of Charleston as the said Board of Public Works from time to time may designate; the cans to be of such design as may be approved by the Board of Public Works.

Section 2. It shall be unlawful for anyone other than the designated employee or employees of the Board of Public Works to remove any part or all of the contents of said cans, or to remove said cans from their stations, or to deface, demolish, mar, injure or disturb or interfere with any of said cans.

Section 3. It shall be unlawful to fling any waste paper or fruit peelings on the sidewalks or streets of the city, and all such waste paper and fruit peelings shall be placed in the cans provided by the Board of Public Works for such purpose.

Section 4. Any person violating any provision of this ordinance shall be subject to a fine of not more than twenty-five (\$25.00) dollars or imprisonment not exceeding thirty days for each and every offence.

Ratified August 10, 1909.

AN ORDINANCE

To Provide for the Protection of Food-Stuffs Against Contamination by Flies or Other Insects.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. Every manager of a store, market, dairy, cafe, lunch room or any other place in the City of Charleston where a food, or beverage, or confectionery, or any similar article, is manufactured or prepared for sale, stored for sale, offered for sale, or sold, shall cause it to be screened effectually, or effectually protected by power driven fan or fans, so as to prevent flies and other insects from obtaining access to such food, beverage, confectionery or other article, and shall keep such food, beverage, confectionery or other article free from flies and other insects at all times.

Any person violating the provisions of these regulations shall for each and every offence be subject to a fine of not more than twenty-five dollars, or imprisonment not exceeding ten days.

Section 2. That no person shall expose for sale in any public highway or in any uninclosed market, store, shop, stand or stall, or on any open lot, or transport over any public highway for sale either by himself or any other person in the City of Charleston, any candy, cake, bread, pies, etc., or any food whatsoever of a kind not commonly washed, peeled or cooked, before being eaten, unless the same be effectually and in a cleanly manner wrapped, covered and enclosed so as to protect it from dust and insects.

Any person violating the provisions of these regulations shall for each and every offence be subject to a fine of not more than twenty-five dollars, or imprisonment not exceeding ten days.

Ratified August 10, 1909.

AN ORDINANCE

To do Away with Privies and Privy Vaults on All Lots Abutting Streets, Lanes or Alleys upon which Sewers have been or shall be laid.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

Section 1. That all privies and privy vaults on lots abutting streets south of Broad street shall be destroyed and filled in on or before the first day of January, 1910, by the owners or agents of said lots.

Section 2. Any owner of a lot or any agent of a non-resident owner of a lot abutting on a street south of Broad street, who shall fail to have all privies on said lot destroyed and privy vaults on said lots filled in prior to the first day of January, 1910, shall be guilty of a misdemeanor and shall be fined not more than

\$10.00 or imprisonment for more than ten (10) days for the first offence and shall be further fined the sum of \$5.00 per day for every day after the first day of January, 1910, during which any privies or privy vaults shall remain on such lot; each day constituting a separate offence.

Section 3. It shall be the duty of the Board of Health to cause a report to be made to the Health Officer by its inspectors of every privy standing and every privy vault unfilled south of Broad street.

Sec. 4. It shall be the duty of the Health Officer to summon the owner or agent of said lot before the Police Court or Recorder's Court for trial under this ordinance, and to prosecute the case and of the Corporation Counsel to assist him.

Section 5. It shall be the duty of the Board of Health to have a second inspection made of all premises upon which privies have been found, within ten days after the first inspection, and if any privies or privy vaults are still found upon said premises, it shall be the duty of the Health Officer to send upon said premises one or more persons who shall pull down said privy and fill in said privy vault at the expense of the owner and the bill of such expense shall be forwarded by him to the Corporation Counsel, whose duty it shall be to collect same from said owner or agent.

Section 6. That all privies and privy vaults on lots abutting on Broad street and all streets north of Broad street shall be pulled down and filled in within six (6) months of the completion of the system on the street on which such lots abut, and it shall be the duty of the City Engineer to advertise the completion of the sewerage system in the daily papers.

The same penalties and proceedings that are prescribed above with reference to privies, privy vaults, the owners and agents thereof, and the various officials above mentioned, shall apply to the privies and privy vaults on Broad street and the streets above Broad street six (6) months after such publication by the City Engineer.

Ratified September 14, 1909.

AN ORDINANCE

To Authorize the Acceptance by the City of Ashe Street, Forty Feet Wide.

Be it ordained by the Mayor and Aldermen of the City Council of Charleston, S. C., in City Council assembled:

That Ashe street, extending north and south, from Line street to Shepard street in the City of Charleston, S. C., and being forty (40) feet wide, be accepted by the city as a public street.

Ratified October 12, 1909.

In Memoriam

ALDERMAN E. H. FINCKEN.

Proceedings of Council.
Regular Meeting, August 10, 1909.

The Mayor said :

Gentlemen of the City Council: I ask your permission to pause in our proceedings while I announce to you officially the death of the late Alderman-at-large from Ward Eight.

Alderman E. H. Fincken has served the city as a member of her Council for over five years, and as her Mayor pro-tem. for one of these years. The value of those services is well known to all of us here, who now mourn him. His heart was wrapped up in the welfare of his city, and his head was ever filled with plans for her progress, and his hand was ever stretched forth to lend her his aid and support. Progress was written upon his brow, and it shone like a beacon light wherever he went. With his great ability and energy he soon rose in his business to the position of one of our foremost merchants, and with true public spirit he lent his exceptional talents to the administration of the affairs of the city upon the same progressive plane. We who have sat here in Council with him shall miss his presence grievously. Many of us who were privileged to enjoy his friendship will miss his genial companionship. In his death the city has lost a citizen of rare enterprise, ability and energy, a public servant of broad and liberal views, but of strict fidelity to every trust, and a man of great accomplishments and greater promise.

His memory shall live with us as an example of citizenship that we are proud and happy to honor.

Alderman Hanckel said.

Mr. Mayor: It is my sad privilege to most heartily second the appropriate remarks just made by you, making formal announcement of the death of our fellow member,

ALDERMAN EDWARD H. FINCKEN,

my late esteemed colleague from Ward Eight, who has passed to the Great Beyond since the last meeting of City Council. We will all, I feel sure, esteem it a privilege to express and enter upon the records of City Council our deep sense of personal grief at his departure; our high regard of his excellencies of character, and our appreciation of his labors in behalf of our city. During his term of service as an alderman, he was most intelligent, conscientious and faithful in the discharge of every duty devolving upon him, and especially efficient in the services rendered on some of our most important committees. He never wearied, as long as his health permitted, in the discharge of whatever duty devolved upon him. He was an advocate of that progress that is safe, and that conservatism that preserves the best things.

“Like shadows gliding o’er the plain,
Or clouds that roll successive on,
Man’s busy generations pass;
And as we gaze their forms are gone.”

Be it, therefore,

Resolved, That City Council has heard with profound sorrow of the death of Alderman Edward H. Fincken, and that it extends to his afflicted family its sincere sympathy in their bereavement.

Resolved, That in the death of Edward H. Fincken, this City Council has suffered the loss of an esteemed, respected and efficient member.

Resolved, That as a mark of respect to Alderman Fincken, that the remarks of the Mayor, together with these remarks and resolutions, be entered on the records of City Council, published in the Year Book, and that the Clerk of Council transmit to the family of the deceased a certified copy, and the same be made public in the daily papers of this city.

Alderman O'Neill said:

I beg to second the resolutions and the privilege of paying a passing tribute to our departed friend.

Any community is fortunate that can secure the services of its best citizens and most active business men, men who are willing, for the public good, to make sacrifices without reward or any hope of reward.

With a large and lucrative business, and with broad experience in the practical affairs of life, Mr. E. H. Fincken rendered valuable service to this city, and as a member of the Ways and Means Committee and of the other important committees upon which he served, it was to be expected that he would fill the position of Mayor pro-tem. with that zeal and earnestness that characterized his life. He was always prompt and efficient, and commanded the respect, confidence and esteem of every member of this board. We shall miss his kindly smile and good fellowship, and realize that the City of Charleston has lost a devoted and loyal son.

Our lives have been compared to rivers, gliding free, gliding unerringly to that unfathomed, boundless sea, the silent grave. Thither roll all earthly efforts, all worldly achievements, to be swallowed up and lost in one dark wave. Thither in the fresh prime of strong manhood has gone our friend and co-worker, Mr. E. H. Fincken, but his memory remains with us.

It was moved that the resolutions be adopted by a rising vote.

The resolutions were then unanimously adopted, the members of Council standing.

R. G. O'NEALE,
Clerk of Council.

In Memoriam

EDWARD W. WYNNE.

Proceedings of Council.
Regular Meeting, December 14, 1909.

The Mayor said:

Since our last meeting, the Board of Public Works has lost one of its valued members, and the city has lost one of its most progressive and public spirited citizens, in the death of Mr. E. W. Wynne. A merchant of remarkable ability, a friend of unswerving loyalty, a companion of charming personality, a man of sterling character and great force—he stood forth among his fellow-men as a leader in whatever he participated.

It was only a short time after he was persuaded to accept a place on the Board of Public Works that he was visited with that illness, which, after relaxing its grip for a brief period, on Sunday last took him from us. He will be missed in every sphere of life which knew his presence. The public service has sustained a great loss. To his family in their bereavement our heartfelt sympathy goes out.

Alderman Riley said:

Mr. Mayor: I esteem it a privilege to be permitted to offer this humble tribute to the memory of one who was near and dear to me.

Edward W. Wynne was a man of the highest integrity, and enjoyed the respect and esteem of his fellow citizens.

He was a self-made man, and by untiring efforts had worked his way step by step to a prominent position in business circles of this community.

He was skillful in business matters, and was an advocate of that progress that was safe, and that conservatism that preserves the best things.

He was devoted to his native city, and though he never

sought political honors, he was content as a private individual to discharge his duties of citizenship.

He served this municipality as a member of the Board of Public Works for about two years most faithfully and efficiently.

To all the trusts reposed in him he was ever faithful and just.

His charities were numberless, and wherever and whenever the poor and needy laid claim to his assistance, it was freely given.

The city has lost a useful and respected citizen, and I, a life-long and devoted friend.

I, therefore, move that the remarks made by the Mayor be adopted as expressive of the sentiments of Council, and be entered on the minutes, and be published in the Year Book for 1909.

Alderman Hanckel seconded the resolution, and said that it had been a pleasure to have Mr. Wynne on the Board of Public Works the short time he had been a member.

The resolution of Alderman Riley was then unanimously adopted.

R. G. O'NEALE,
Clerk of Council.

APPENDIX

THE CHARLESTON OF TO-DAY.

Facts and Figures that must Command Attention and Interest.
Condensation of the Jubilee Industrial Edition of The News
and Courier.

By August Kohn.

For many years The News and Courier, the morning newspaper of Charleston, published an annual "Trade Review." Ten years ago this work was discontinued, presumably because there was slow development and the increases in the volume of business were not gratifying.

Present conditions in Charleston, however, are full of real encouragement and the industrial growth, so long expected, is a fact.

Conditions had changed so rapidly for the development and substantial growth of Charleston and the prosperity was so real, that Maj. J. C. Hemphill, the managing editor of The News and Courier, decided to let the people of the world know what Charleston was really doing. He asked me to come to Charleston and co-operate in the publication of the Jubilee Edition, the purpose of which was to undertake to tell the real story and actual business conditions in Charleston. The Jubilee Edition was published January 1, 1910, and it was a surprise to the business world. There was no attempt at rhetoric or high-flown language; the constant effort was to present facts.

Special articles were solicited from those best informed on the various lines of industry, in Charleston, and these articles gave the Edition additional weight and force.

The Jubilee Edition contained more than fifty regular newspaper pages, and it will be impracticable to give even a summary of all the material published.

Mayor Rhett has kindly requested a condensation of the Jubilee Edition, and it is well that the essential facts presented are to be had in convenient book form. It is, however, to be remembered that this presentation is merely a condensation of the central facts—and they are all facts.

By way of preface the head lines of the Jubilee Edition give a good idea of the scope and essentials presented. They read:

**THIS CITY DOING A BUSINESS OF
MORE THAN NINETY-FOUR
MILLION DOLLARS.**

**STEADY INCREASE OF POPULATION.
GRATIFYING GROWTH IN TRADE
AND COMMERCE.**

**THE FINEST DISTRIBUTING CENTRE IN
THE SOUTH.**

**NEW RAILROAD CONNECTIONS. NEW
COTTON COMPRESSES. NEW
TERMINAL FACILITIES.**

**ELEVEN MILLION DOLLARS IN MANU-
FACTURED PRODUCTS.**

**NINE MILLION DOLLARS IN COMMER-
CIAL FERTILIZERS.**

**SEVENTY-SEVEN MILLION DOLLARS IN
BANK CLEARANCES.**

**29 PER CENT. INCREASE IN SHIPPING.
25 PER CENT. INCREASE IN
RAILROAD TONNAGE.**

**FIFTY-THREE MILLION FIVE HUNDRED
THOUSAND POUNDS OF SUGAR.**

**FIVE MILLION DOLLARS IN TRUCK AND
VEGETABLES.**

**EIGHTY-EIGHT MILLION DOLLARS IN
STANDING TIMBER.**

**THE NAVY YARD AND THE DEFENCES
OF THE HARBOR.**

**A MOVING STORY OF SUBSTANTIAL
ACHIEVEMENT.**

The Jubilee Edition was presented with an introduction written by Maj. J. C. Hemphill, editor of *The News and Courier*, who had toiled in season and out of season for the substantial development of Charleston, and to whom it gave real pleasure to write this most satisfactory summary:

"There is every reason why the people of Charleston, and the people who are interested in Charleston, should rejoice at the conditions with which this town is confronted at the beginning of the second decade of the twentieth century. Calculating from the beginning of 1860, fifty years ago, there is abundant occasion for jubilation that after a long, hard and at times apparently hopeless struggle, the City of Charleston has come out into the grass lands at last. Fifty years ago, the period at which the present Jubilee period began, the population of Charleston District, then a great deal larger in area than it is at present, was 69,958. In 1900, with a much reduced area, the population of Charleston County was 88,006. The population of the City of Charleston proper now, according to the latest census which has been taken of it, is 71,583. In 1900 the population of the City of Charleston was 55,807; the population of Charleston now shows an increase of 15,776, and this is short by several thousand of the actual population of the place. In 1860 the amount of capital invested in the manufacturing industries of Charleston District aggregated \$1,448,050; the capital invested in such industries in 1909 is \$10,708,845. The manufacturing industries of the City of Charleston alone, now amount to nearly ten times the value of the capital invested in such industries half a century ago.

Carrying the comparison a little further, the amount of wages paid to persons employed in the manufacturing industries in the District of Charleston in 1860 aggregated \$263,736; in 1909 the wages paid to those engaged in the manufacturing industries of the City of Charleston aggregated \$1,992,738, or more than seven times the wage roll of the whole District of Charleston fifty years ago. The total product of the manufacturing industries of Charleston District in 1860 was valued at \$1,188,536; the total product of the manufacturing industries of Charleston in 1909 was valued at \$10,981,584, nearly ten times the value of these products fifty years ago.

When it is remembered that during the intervening period Charleston has passed through fire and sword, and storm and earthquake, the time has come, it would seem, when all the people of this community might join heartily in the Hallelujah chorus.

POPULATION.

All this, however, is merely by the way of introduction to the most gratifying story published to-day of the commercial and in-

dustrial condition at Charleston at the beginning of the New Year. According to the City Directory of 1906 the population of Charleston was 58,740, the number of names in the directory that year being 19,580. The population in the City Directory for 1910 is 71,583, the number of names in the directory being 23,861. This indicates that there has been an increase in the population of Charleston within the space of three years of 12,844, the increase during the year 1909 aggregating 5,805.

MANUFACTURING INDUSTRIES.

In his comparative summary of Charleston industries the Hon. E. J. Watson, Commissioner of Agriculture and Industries of South Carolina, shows that the capital now invested in such industries in this city is \$10,708,845, as against \$5,397,506 in 1900, the last census year. The number of persons employed in these industries in 1909 was 6,412 as compared with 3,187 ten years ago. The total wages of the workers, not including the salaries of the managers of these industries, in 1909 was \$1,992,738, as compared with \$918,841 in 1900. The value of the annual product of these industries in 1909 was \$10,981,584, as compared with \$5,713,315 in 1900. The percentage of increase in the capital employed in the industries of this town between the years 1900 and 1909 was 64.4. The value of the products during the same period showed an increase of 81.8 per cent. These figures were made up by the Commissioner from the statements obtained by him and his agents from those who are actually engaged in the industrial work of this community, and they afford a most gratifying indication of healthy growth in the things which make for the increasing wealth and prosperity of Charleston.

PHOSPHATES.

Three companies are engaged in the mining of river rock at Charleston. From 1870 to 1908 the shipments of river rock from South Carolina territory aggregated 4,247,973 tons, and the receipts of royalty on this rock by the State aggregated \$3,388,267.76. The largest receipts from phosphate royalty were in 1890, \$237,149, and the smallest receipts were in 1908, \$7,330. Four companies have been engaged in the mining of land rock since 1903. The production of land rock during the last year, 1908-9 was 222,100 tons; the value of the product of land rock was \$943,925. The annual pay roll of the companies engaged in the mining of land rock aggregates \$371,714.

FERTILIZERS.

Six companies are engaged in the manufacture of commercial fertilizers at Charleston, and five companies are engaged in the

manipulation and importation of fertilizers. The aggregate capital invested in the fertilizer manufacturing business here, not including the capital stock of the Virginia-Carolina Chemical Company, which is not stated in the most admirable review of the phosphate and fertilizer industry prepared for this Jubilee Edition of *The News and Courier* by Dr. Philip E. Chazal, of the Shepard Laboratory, is \$918,000. The capital invested in the manipulation and importation of fertilizers is \$876,000. The total shipments of fertilizers by these companies during the last year was 508,433 tons, and during the last six years 2,740,583 tons. The total annual pay roll of the companies engaged in the manufacture of fertilizers at this place aggregates \$600,000, and the value of their shipments during the year 1908-09 was \$9,298,185. The manufacturers and manipulators and importers found it necessary during the last season to provide \$9,000,000 for the conduct of their business. In 1909 the volume of fertilizer material received at the port of Charleston was 217,121 tons, and its value was \$2,742,303. In 1899 the total imports at Charleston of fertilizer material amounted to only \$840,338. Contrast these figures with those of 1909, \$2,742,303, and no further argument is required as to the importance of Charleston as a port of entry for the supply not only of the materials consumed by the local manufacturers of fertilizers, but by those who are engaged in this business at interior points. During eleven months of the year 1909 the shipments of fertilizers by railroad out of Charleston aggregated 418,343 tons. The total tax paid by the manufacturers of fertilizers, which is called very properly "a privilege tax," between the years 1880 and 1909 aggregated \$2,116,778. Fourteen hundred persons are employed in the fertilizer manufacturing business here, who receive for their services \$600,000 the year. The fertilizer companies, as already noted, employ \$9,000,000 to carry on their business annually, and the yearly production of the factories is valued at \$9,298,185.

LUMBER.

There are sixteen manufacturing and wood-working plants at Charleston, with an aggregate capital of \$3,725,000, or \$3,185,000 more than ten years ago, and a gross yearly output of 129,950,000 feet, or 67,950,000 feet more than ten years ago, of the gross value of \$2,374,000, or \$1,574,000 more than ten years ago. The number of employees in these industries here aggregates 1,768, or 1,138 more men than were employed ten years ago. Within a radius of sixty miles, and a lopsided radius at that, as no circle of sixty miles with Charleston as the centre could be drawn without taking in something like thirty miles of water, Charleston now has \$88,000,000 worth of standing timber waiting for its reduction into commercial products. It is well within the mark, therefore, to say,

as Mr. Tucker has said so well in his special article for this Jubilee Number of *The News and Courier*, and as Mr. F. G. Davies shows in his special article upon this topic, that Charleston is destined to become not only the greatest lumber manufacturing port on the Atlantic Coast, but one of the greatest lumber manufacturing centres in the world.

RAILROAD FACILITIES.

Charleston is now served by two of the largest railway systems in the South—the Southern Railway, with a mileage of 7,055 miles, and the Atlantic Coast Line, with a mileage, including the transportation lines in which it holds a large interest, of 12,035 miles. During the year 1909, 453 new mining plants were established on the lines of the Southern Railway in South Carolina, and at the close of the year there were 66 new industrial plants under construction. Last year \$7,450,667 was invested in improvements along the lines of this system, and in the period between the years 1902 and 1909 the industrial investments and improvements in the Southern Railway territory in South Carolina aggregated \$103,905,722. During the last year the Atlantic Coast Line moved from and to Charleston 673,443 tons of freight. So much impressed have the Coast Line authorities been by the improving conditions and opportunities at Charleston, that they have consented, together with the Norfolk and Western Railway, to build the South-bound Railroad from Winston-Salem, N. C., to Wadesboro in that State, by which Charleston will be supplied with an entirely new and convenient and accessible route to the coal fields of Virginia, and with through connection by way of Cincinnati with Chicago and the farther West.

SHIPPING.

In twenty-five years the coastwise business of Charleston has increased nearly five times. In 1883 the total tonnage of coastwise vessels at this port aggregated 437,482 tons. In 1908 the coastwise tonnage aggregated 1,389,201. In 1909 the tonnage of the vessels arriving at this port aggregated 2,007,656 tons. There was an increase in the tonnage of ships arriving here between the years 1908 and 1909 of 19 per cent. and an increase of 29 per cent. in tonnage. In the foreign ships cleared at Charleston there was an increase of 91 per cent. in number and an increase of 68 per cent. in tonnage. The steady increase in the coastwise tonnage here and the advantages of this port have been so fully demonstrated within the last two or three years, that three new steamship lines have been established at Charleston with regular sailings for Baltimore, Philadelphia and Boston, and a new line has been put on within the last twelve months for the trans-oceanic business.

FREIGHT BUSINESS.

During the year 1909, according to the reports supplied by the freight bureau of Charleston, of which Mr. H. R. Jackson is manager, there was an increase of 25 per cent. in the tonnage received at and forwarded from Charleston. In 1909 the tonnage forwarded from Charleston by the railroads and steamships serving this community aggregated more than 832,000 tons. During the months of September, October and November, 1909, the outgoing tonnage at Charleston, according to the report of Mayor Rhett, aggregated 140,000 tons, and the incoming tonnage aggregated 188,000 tons.

BANKING.

In 1900 the capital, surplus and undivided profits of the banks in Charleston, all of which are conducted upon a perfectly sound basis, aggregated \$2,513,723, and in November last the aggregate of capital, surplus and undivided profits amounted to \$3,449,380. In January, 1900, the deposits in the banks of Charleston aggregated \$11,221,264. In November last these deposits aggregated \$18,462,225. The resources of the banks of Charleston in January, 1900, were \$14,243,317; in November, 1909, they were \$22,961,086. With a capital and surplus and undivided profits of \$3,449,380 and deposits of \$18,462,225, the banks of Charleston did last year, in loans and discounts, a business of \$14,398,652. In 1908, as shown by the statement of the Charleston Clearing House Association, the total business of the banks of Charleston was \$66,387,000. In 1909 they did a total business through the Clearing House of \$77,316,300.

THE POSTOFFICE.

In 1905 the receipts of the Charleston Postoffice were \$119,205; in 1909, \$152,264. The money order business—money orders issued—in 1905 amounted to \$253,029, and in 1909, \$313,659. Money orders paid at Charleston in 1905 amounted to \$292,116, and in 1909 to \$301,750. In 1905 the funds deposited with the Charleston Postoffice, by the postmasters of South Carolina, as money order funds, aggregated 661,681; in 1909, \$837,982.42. These latter figures are misprinted in the report of the business of the Postoffice contained elsewhere in this edition.

AT THE CUSTOM HOUSE.

Three years ago the cash receipts at the Custom House in Charleston amounted to \$21,796. In 1909, with the year not quite completed, the cash receipts of the Custom House aggregated \$103,024. In 1906 the imports at Charleston aggregated in value

\$2,748,804. In 1909, with the year not quite completed, the imports were valued at \$3,531,193. The exports from Charleston in 1906 were valued at 661,285. In 1909, with the year not quite completed, the exports were valued at \$4,044,337. The imports at Charleston exceeded in value the total imports of Savannah, Wilmington and Brunswick, placing Charleston, therefore, in the lead in the importing trade of the South.

THE TRUCKING INDUSTRY.

Charleston is the seat of the second largest truck-growing district in the United States. It is particularly well conditioned as to situation, soil, climate and seasons. According to the estimate made by Commissioner Watson the net profits on the crops produced in the Charleston district amounted this year to \$1,010,000; in 1900 the value of these crops was \$212,000. In 1905 their value had increased to \$2,787,000, and it is not an extravagant estimate to say that, counting the value of all the truck grown in this region for domestic consumption and outside shipment, the total value of the crops will not fall short of \$5,000,000 the year. The "Cabbage King" of the world, N. H. Blitch, lives and moves and has his being in Charleston. The production of cabbage to the acre averages 150 crates and the crop frequently reaches 200 crates the acre. The cabbage plant industry in the Charleston truck growing district is also of very large commercial value, William C. Geraty having planted two years ago five tons of cabbage seed for the growing of plants to be shipped to all parts of the country, and last year it was his intention to plant from ten to twenty thousand pounds of cabbage seed for the purpose of raising plants for garden patches throughout this country. Charleston asparagus is the finest grown in the world, and as James Henry Rice, Jr., says, in his story of the truck growing industry to day 'California can produce nothing comparable to what comes from Christ Church Parish, including men.' Charleston asparagus is served at the principal hotels in New York at 75 cents the helping, and to the Charleston man subsisting on this sort of diet it appeared almost 'a shame to take the money.'

SUGAR.

Charleston has become one of the largest distributing centres of sugar in the South. From this port is now supplied a territory extending from five hundred to seven hundred miles from this city. The reason of this is obvious; the rates to Charleston on sugar being less than to most ports, and the rates from Charleston to all the sugar consuming territory within a radius of seven hundred miles being such as to enable the dealers here to meet

any competition. In 1909, 53,500,000 pounds of sugar were forwarded from Charleston, or 26,750 tons of the value of \$2,675,000. This business has been developed here only within the last few years, and under the direction of the Huietts it has attained enormous proportions with ever increasing opportunities of development.

CEMENT.

Charleston has become the headquarters for the South in the cement industry, not in its manufacture but in its distribution. The value of this trade at Charleston aggregates not less than \$3,000,000 the year. The sales that have been made here have extended into all the Southern States. Eighteen Charleston salesmen are engaged in placing cement on the market, traveling the territory from Virginia to Louisiana, and the advantages of handling this product, which is steadily growing in volume and value, from this port has so impressed the manufacturers, that not only is the present condition of the trade here assured, but its constant growth as well.

CORPORATIONS.

During the year 1909 the domestic corporations chartered by the Secretary of State in Charleston were capitalized at \$1,279,300. The corporations in Charleston, chartered under the laws of the State, represent a capital of \$18,067,502. Of these corporations, those of a general character, for the lack of a better term, represent a capital of \$8,429,006; the fertilizer companies, \$3,672,200; the State banks, \$690,000; the cotton mills, \$450,000; the oil mills, \$4,000; the foreign corporations with principal offices in Charleston, \$3,089,225; the building and loan associations, \$435,771. Add to these several amounts the capital of the corporations chartered in 1909 and there is found a total capitalization of such corporations in Charleston of \$18,067,502.

THE COTTON TRADE.

In 1909 the receipts of cotton at the port of Charleston, upland and sea island, aggregated 263,083 bales, of the value of \$16,544,057. Compared with the year 1898, the receipts of cotton at this port were 210,426 bales less, but in 1898 the value of the cotton, (not counting the value of the sea island cotton for either year) was 5 cents the pound, and in 1909 its value was on the average about 12½ cents a pound, so that the value of the cotton trade of Charleston in 1909 exceeded the value of the cotton trade of 1898 by more than \$2,000,000. There has been a terrible depression in the cotton trade of Charleston during the last ten years, but conditions have been gradually, and, in the last year or two, rapidly

improving. The receipts at Charleston in 1908, from September 1 to December 25, were 134,553 bales; the receipts at Charleston from September 1 to December 25, 1909, were 171,858 bales, an increase of more than 37,000 bales, as compared with the receipts of the previous year during that period. The conditions of the cotton trade at this port have greatly improved during the last year, and the prospects for 1910 encourage the belief that there will be an enormous increase in the cotton business of the port, the old compresses here having been reconstructed and a new compress owned by one of the largest cotton exporting firms in the United States being in course of construction. Several of the largest cotton exporting firms in the country have opened offices here, and the Strachan Line of steamships has made Charleston one of its ports for the handling of the cotton business directly with the European markets.

ASSESSMENTS AND TAXATION.

In 1900, as shown by the excellent report of Major Daniel L. Sinkler, the City Assessor, the total assessments of taxable property in Charleston aggregated \$17,246,142. In 1909, these assessments aggregated \$18,824,978. In 1909, 334 pieces of property were sold in Charleston for \$1,156,520. The amount at which these pieces of property were assessed for taxation was \$569,760, and the advance in their value over assessment was \$586,760, or 102.98 per cent. Taking the years from 1900 to 1909 the sales of real estate in Charleston amounted to 8,015,033. This property was assessed for taxation at \$4,532,285. It sold for \$3,482,748 more than it was assessed for taxation, the increase of market or salable value over the assessments amounting to 76.84 per cent. Since the year 1900, 1,058 building permits have been issued by the assessor's office, calling for an expenditure of \$740,347. In 1909, 117 permits were issued, calling for an expenditure of \$571,195.

In preparing this Jubilee Edition the compilers have met with many difficulties. There is no disposition on the part of this newspaper to do other than give a truthful account of the commercial and industrial progress of the community, but at almost every turn the workers who were engaged in the preparation of this edition were reminded that 'our private business is our own affair and we do not care to give you any information about it.' On the other hand, many of the progressive business men and good citizens of Charleston cheerfully complied with the reasonable requests made of them, and so it is that *The News and Courier* is able to report on this first day of the New Year most gratifying progress in the City of Charleston, in all matters affecting the life and prosperity of the community. The business done in Charleston aggregated last year more than \$94,000,000. The figures given in the accompanying table are based upon definite reports re-

ceived at this office, or upon under-estimates based upon the business done in Charleston ten years ago. The story is a most encouraging one. With anything like faith in the community, and active industry, there is not the least question that within the next five years the present business of this town will nearly, if not quite, double the record made in 1909. With new railroads and new steamship lines, and increasing activity in almost every field of material endeavor, and with a steadily increasing and energetic population well may the people in Charleston rejoice that the fat years have come at last."

THE BUSINESS OF THE YEAR.

Groceries, wholesale and retail	\$18,000,000
Crockery	150,000
Cotton	16,544,057
Paints and oils	700,000
Hardware	1,600,000
Jewelry	500,000
Drugs and medicines	1,400,000
Harness and saddlery	150,000
Fish and oysters	350,000
Furniture	850,000
Dry goods	7,120,000
Boots and shoes	2,000,000
Hats and caps	257,000
Tobacco and cigars	1,200,000
Stationery	525,000
Sash, doors and blinds	425,000
Clothing	1,325,000
Fruits	1,000,000
Ice	40,000
Vegetables and truck	5,000,000
Cement and building material	3,000,000
Sugar	2,675,000
Phosphate rock	943,927
Fertilizers (manufactured)	9,298,195
Fertilizer materials	2,742,303
Lumber	2,374,000
Millinery	100,000
Carriage materials	750,000
Electric light and materials	100,000
Automobiles, etc.	200,000
Manufactured products	7,523,186
Music and materials	250,000
Grain and hay	500,000
Gas, electricity and water	881,000

Naval stores	57,422
Rice	140,816
Liquor	570,000
Coal	600,000
Insurance	750,000
Miscellaneous	2,250,000
	<hr/>
	\$94,841,906

THE CHARLESTON OF TO-MORROW.

Under the title of "The Charleston of To-morrow," Mayor R. Goodwyn Rhett writes a most interesting and valuable article. It is chuck full of meat and is so well done that it is presented in full, as it contains data that is both useful to those seeking facts and information that in after years will be important as marking the "dawn of Charleston's new day."

The article reads as follows:

"On the 6th of November, 1909, under the inspiration of the President's presence, you wrote an editorial entitled, 'Charleston—A Great City.' It is a masterpiece, and might well be made a text in our public schools. I cannot do better than quote the first few paragraphs in beginning an article on the subject of the 'Charleston of To-morrow.'

'Like her jewels are the great cities of any nation. In them is concentrated her beauty, her art, her glory, and by them is she judged. The glory of Greece was Athens, and the renown of Rome, of Florence and of Venice has been the renown of Italy. Paris is the heart of France, and the boast of Frenchmen.

'Cities are not great because of their industrial activity. They are not great because their wharves swarm with longshoremen, or because great fleets of ships rest at their piers. They are not great because of the number of people within their borders, or because they offer excellent opportunity for the garnering of wealth. They are not great merely because of massive buildings, sumptuous and costly, nor are they the jewels of a nation because they contribute to the general treasury.

'A city is great because of the people who live in it, not because of the number of these people, but because of the spirit which animates them, the literature and art which they support, the heroism with which they meet the daily and the extraordinary crises that time brings, their devotion to their ideals, their patriotism and their stubborn adhesion to the highest principles of their civilization, particularly so to the family as the basis of that civilization. Such cities make history. Such cities do not soon wither or decay. They leave their impress on their own and after times. They leaven the nation of which they are a part. The glorious records of their inhabitants for generations hold the present true to all that is best and noblest in life. Such a City is Charleston.'

Her people have ever held principles above policies, and often at the sacrifice of material welfare. But through adversity and prosperity she has stood forth in the eyes of the nation as one of

its jewels, and we must see to it that none of the lustre is lost in our keeping. This lustre is reflected in the character of the city we build—in the beauty of our homes—of our parks, of our drives, of our streets, of our churches, of our public buildings, as well as in the character of our piers, our terminals and our facilities for trade, traffic and travel.

Charleston is now about to become a large city. For many years circumstances made this impracticable, but imbued with the proper spirit, her people utilized that period to lay broad and lasting foundations for the splendid future which could not always be deferred. The seed which has been carefully sown, and patiently nurtured, has borne fruit, and a rich harvest is at hand. Let us not forget our ideals in the day of our prosperity. Let us try and lose none of that which has made Charleston so distinct and distinguished, even in its adversity. Nay, let us make of Charleston the most beautiful of American cities, as she is now about to become the greatest of South Atlantic ports.

The original settlers sent out commissioners from the Old Town to select with great care the permanent site for the New Town, and they did well. The people of the New Town transformed a narrow peninsula, composed largely of mud banks and marshes, into a most beautiful and interesting city. It behooves us to seize the first opportunity to make her the most beautiful and most interesting city in the United States.

There is no city which presents such an opportunity for artistic beauty, without encroachment on commercial facilities, as does Charleston. New York, which is similarly situated on a narrow peninsular, has given up her most beautiful portion to business, and has been compelled to go many miles up for her Riverside Drive. Should we not begin now and lay out the best lines for our expansion, so as to make the most of what nature holds out to us—not as a mart of commerce alone, but as a city unique in the facilities for its business, and in the beauty of the parks, its drives and its buildings?

It is but a few years since Charleston was hedged in with malarial swamps that isolated her people upon the point of a narrow peninsula. To-day malaria has been banished from the land, swamps have been converted into fertile fields and flourishing factories. The finest Navy Yard the Government owns has been planted on Cooper River, six miles from the city, where no one dared to live twenty years ago, but which is now a veritable health resort. All this was done by the foresight, the patient persistency and the indomitable energy of her citizens, who are now living to see the fruit of their labors.

It is not many years since our harbor was blocked by sand bars, over which there was only 12 feet of water at low tide. Commerce kept demanding larger and larger ships. Ports kept struggling to

obtain the depth to admit them. Charleston has to-day 26 feet at low water, and is the deepest port south of Cape Hatteras. This depth can be made 30 feet at low water, at a cost of less than half a million dollars, and can be maintained at little or no cost. Two large dredges constructed to complete the present project are still attached to this division, and can give the additional depth in about two years, as soon as need for it is demonstrated, which indeed seems now at hand. It may be well to give the high and low water depths of the Atlantic ports by the last available United States engineer's reports:

	Low water.	High water.
Portland, Me.	30 ft	38 ft 8 in
Boston, Mass.	27 ft	36 ft 5 in
New York, N. Y.	35 ft	39 ft 5 in
Philadelphia, Pa.	22 ft	27 ft
Baltimore, Md.	35 ft	36 ft
Norfolk, Va.	28 ft	30 ft 7 in
Wilmington, N. C.	20 ft	24 ft 6 in
Charleston, S. C.	26 ft	31 ft 2 in
Savannah, Ga.	21 ft	28 ft
Brunswick, Ga.	20 ft	27 ft
Jacksonville, Fla.	24 ft	24 ft 8 in
Fernandina, Fla.	23 ft	29 ft

With 30 feet at low water and 35 feet, 2 inches at high water, there will be no port comparable to it south of Baltimore. And it must not be forgotten that of them all it is the nearest to the ocean. It is well understood that the South Atlantic ports have enjoyed little or no export and import traffic in connection with the West. The freight rates have made this impracticable. It has been claimed that the cost of transportation over the mountains has made it impossible to compete with lines to Norfolk, Baltimore and Northern ports. Were it not for the product of the South Atlantic States—that is, cotton, timber and phosphate rock; and their consumption of fertilizing material, these ports would have dried up. The construction of the Panama Canal makes the opening of traffic between the West and the South Atlantic ports a matter of course, and Charleston is so far ahead of any other in depth of water, accessibility and nearness to the ocean, she must reap the greatest benefit. Already the Atlantic Coast Line and the Norfolk and Western railroads are hastening the completion of a trunk line between Charleston and the Northwest. The Carolina, Clinchfield and Ohio is doing the same thing a little more leisurely. But it cannot be long now before a stream of traffic will begin to flow through this port between the middle West and the Pacific coast, to which will be joined the trade of the West Indies and South America.

But Charleston is not going to wait until the opening of the canal for her harvest. That has already begun. Your Jubilee Edition will show this beyond a doubt. Turn where you will and the story is the same:

Imports.	Value.	Duties.		
1906	\$2,748,804	\$ 21,796		
1907	3,528,730	43,814		
1908	3,375,016	70,925		
1909	3,531,193	103,034		
Exports.		Value.		
1906		\$ 661,285		
1907		1,142,466		
1908		2,183,207		
1909		4,043,337		
1909 (July 1 to Nov. 30)		2,274,133		
1910 (July 1 to Nov. 30)		5,526,711		
Vessels (arrivals.)	Number.	Tonnage.		
1908	846	1,556,526		
1909	1,006	2,007,656		
Increase	19 p. c.	29 p. c.		
Vessels cleared (foreign.)	Number.	Tonnage.		
1908	12	17,444		
1909	23	29,885		
Increase	91 p. c.	68 p. c.		
Bank clearings.	Sept.	Oct.	Nov.	Total.
1907	\$2,275,558	\$ 9,090,583	\$7,384,205	\$21,750,346
1908	5,093,662	7,005,988	7,904,114	20,003,765
1909	7,418,409	10,070,933	9,441,523	26,930,865
Bank deposits.			November call.	
1908			\$14,620,000	
1909			18,325,000	
Increase			25 p. c.	
Postoffice receipts.		July 1 to December 1.		
1907		\$57,108.33		
1908		58,005.70		
1909		63,527.07		
Telephones.			Increase.	
1907			154	
1908			185	
1909			500	

Real estate.	Assessments.	Sales.	Excess.	P. C.
1907	\$454,575	\$ 846,485	\$391,919	86.21
1908	462,935	829,555	366,620	79.19
1909	569,720	1,156,520	586,760	102.98

New buildings.	Reported cost.
1907	\$211,165
1908	232,300
1909	571,195

Cotton receipts.	
1907	147,230 bales.
1908	147,480 bales.
1909	187,000 bales.

Cotton repts.	Increase.	Decrease. (1909 over 1908.)
Charleston	26 p. c.	
Savannah	4 p. c.	
Wilmington	11 p. c.	
Norfolk	2 p. c.	
Brunswick	20 p. c.	

Freight over regular lines:

(September, October and November.)

	Outgoing.	Incoming.
1906	113,000 tons	135,000 tons
1907	106,000 tons	155,000 tons
1908	112,000 tons	165,000 tons
1909	140,000 tons	188,000 tons

This is enough to demonstrate, what, indeed, no one now doubts, that our day is at hand. What shall we do with it? I trust we shall make of our eastern water front the finest terminals that can be found in America; and of our southern and western water front the most beautiful series of parks, drives, pleasure grounds and homes that can be found in the world.

The construction of the Boulevard, now under way, from White Point Gardens to Chisolm's Mill, is but the beginning of what should extend to Hampton Park, and be the most beautiful of all drives—a great Palmetto avenue interspersed with parks. On the site of Chisolm's and Anderson's Mill a great hotel, bounded on the north by the extension of Colonial Park and Lake to the river in some suitable design. In fact, the river front from Hampton Park to White Point Gardens should be given up to the City Beautiful. The channel of the Ashley River goes over to its western bank, after leaving West Point Mills, and from that point to Hampton Park, terminals for traffic would be impracticable any-

how, so that little available water front would be lost to commerce. There are about three miles of eastern water front available for terminals before we reach the city boundary. There is another mile beyond, which can be used when we need it. There are at least three miles of western water front beyond Hampton Park. Surely we can give up less than one mile of available water front to the building of our City of To-morrow on lines of incomparable beauty.

The development in the past few years has all been with the general design of sending the railroads to the eastern water front, and there concentrating our commerce. All railroads should enter the city along this water front, crossing over our State road between the Five and Six-Mile House. Modern engineering and methods make it comparatively easy and inexpensive to convert the extensive marshes along the Cooper River into warehouses and piers and docks. In time the passenger trains will cross the city (probably over head), and the Ashley River on a new bridge at Lowndes avenue.

The Boulevard is the beginning of what, I trust, will be made a Palmetto River Drive and Park, extending from Shamrock Terrace, on East Bay, and skirting the rivers continuously until it reaches Hampton Park. The avenue is planned to be seventy feet wide—a stone or concrete sidewalk next to the river, nine feet in width—a grass plat, with palmettoes, nine feet in width—an asphalt block roadway thirty-five feet in width—another grass plat, with palmettoes, nine feet in width, and a sidewalk eight feet in width. The houses are required to be recessed at least twelve feet from the sidewalk, and are confined to residences.

As early as 1880, Mayor Courtenay, in his Year Book, writes as follows:

'Public attention has been directed to an improvement which is not new in any respect, having been in the public mind for many years, but owing to the magnitude of the work, and other disabilities, no active steps have ever been taken to accomplish the desired result. I allude to a continuation of South Bay street westwardly, thence northwardly to Lynch street, crossing Tradd street west of the Alston House. A preliminary survey shows that about fifteen acres of present water lots can be enclosed by the proposed street extension. If this area, now covered by the tides, was all owned by the city, it might form the basis of a possible negotiation, which would enable an early consummation of this splendid scheme; but unfortunately, many of the lots belong to private parties, and it is not possible to know what their disposition may be in regard to them.'

Since that date several plans have been suggested, looking to the same end, but all of them contemplating the extension of South Bay, and not the extension of White Point Gardens. It is

fortunate that none of these plans matured, or they would have made the continuous Boulevard all along the water front impossible. The present project contemplates a Boulevard from the extreme eastern point of White Point Gardens, running just south of them, thence outside of all dwellings on the south side of South Bay, and ending, temporarily I hope, at the projection of Tradd street at West Point Mills. It contemplates uniting the East Battery roadway by extending it southward of South Battery, until it opens into the Southern Boulevard. The area recovered will be about fifty acres, instead of fifteen acres, as contemplated in the former projects.

The Boulevard.

The Boulevard now under construction from the west end of White Point Gardens to Chisolm's Mill is 4,000 feet in length. White Point Gardens has a southern frontage of 1,000 feet. East Battery has an eastern frontage of 1,450 feet. The distance along Ashley River from Chisolm's Mill to the northern end of Hampton Park is 12,500 feet. The total length of the Boulevard, if constructed on these lines, would be a little over three miles and a half.

Charleston's Skyscraper.

With reference to the eight-story office building about to be erected on the northwest corner of Broad and State streets, I have only a few words to say. Charleston can never become a large city without providing all the modern facilities and conveniences which business demands. Or conversely, Charleston in becoming a large city will inevitably have what experience has shown business requires. Being located on a narrow peninsular, the need for so-called 'Sky Scrapers' is bound to be felt, and supplied in time. The present office building is designed to accord with the prevailing architecture of the city, and its proportions—75 feet front, 125 feet in depth, and 105 feet in height—are in perfect accord with the typical Charleston building.

That the need for a modern office building is pressing, no one who has kept in touch with the recent progress of Charleston can doubt. The promoters, however, have endeavored to give to the city a building that will be an ornament, even amidst its exquisite architecture, as well as a much needed facility in aid of the prosperity they have striven so long and so hard to bring about. The building is being erected by fifty of Charleston's business men, organized into a company with a capital stock of \$200,000, and called the People's Building and Investment Company. It is to be constructed on a concrete pile foundation. The frame is to be of structural steel. The first two stories will be faced with Winnsboro granite; the next five stories with buff brick, and the eighth

story with terra cotta. The construction is to be fire-proof, and the building is to contain every modern convenience for offices, to be found in the finest office buildings anywhere. The lower floor is to be the home of the People's National Bank.

Improved Sanitation.

The sewerage system, which has just been authorized, is but the culmination of plans projected a good many years ago in the administration of Mayor Ficken. Circumstances made it impracticable to complete the system at that time. Water was needed to operate it, and had first to be secured. A constitutional amendment was needed to make a bond issue valid. At length conditions became ripe to carry to completion what all will recognize as necessary for a clean, healthy city.

About three years ago the health department was reorganized. A commission revised all of the ordinances on the subject of health and sanitation. Under the operation of these new ordinances, tremendous strides have been made.

The cows have been limited, and their care regulated. In consequence of this, one great pest and disseminator of disease—the house fly—has been considerably decreased. The regulation and inspection of dairies, meats and foods, has been another potent factor in decreasing mortality. The closing of wells and cisterns, the cleansing of butcher pens and yards, have all added to the result which cannot be better stated than by giving the statistics for the past few years:

	White death rate	Total death rate.
1906	18 per 1,000	27.41 per 1,000
1907	15.75 per "	24.42 per "
1908	14.04 per "	24.05 per "
*1909	13.14 per "	21.96 per "

*Estimated on basis of eleven months.

There is no reason why Charleston should not be as healthy as any city on the globe. With the installation of a complete sewerage system, and the elimination of the mosquito, which would follow, there would be no healthier city anywhere. As it is, she stands amongst the best. The white mortality rate from disease and old age, amongst the registration cities of the United States, is about 16.50 per 1,000, so that Charleston's white death rate is much better than the average.

The sewerage system to be installed is being now reviewed by a committee, but it is planned along the lines of the New Orleans system, which the city engineer has recently inspected, and found exceedingly satisfactory. The two sections in the lower wards will

be adapted to the change, and it is hoped it will all be in operation within two years.

The original peninsular upon which Charleston was founded in 1680, after ten years' trial at the Old Town on the west bank of the Ashley River, was a narrow strip of high land, broken into by creeks and marshes.

Our forefathers had much to overcome in giving to us the Charleston of to-day, and what we can give to future generations if we emulate their example. Much has already been done by the present generation. More remains to be done. Let us all strive without ceasing to make Charleston the healthiest and most beautiful of cities, as well as the greatest of Southern ports."

THE FERTILIZER BUSINESS.

The most important individual industry of Charleston is that of manufacturing fertilizers. Charleston is distinctly the commercial centre of this industry. It is both an important and a growing business. The present status of the industry is concisely and plainly stated in a special article by Dr. Philip E. Chazal, of the Shepard Laboratory. The story as told by Dr. Chazal reads:

"The past few years have not been favorable to the prosecution of phosphate mining in this State.

The closing down of the river pebble mines of Florida, and the falling off in the output of the Tennessee brown rock deposits, both of which had exercised a strongly depressing influence on the market for Carolina rock, might have afforded very material relief to the situation. Unfortunately any such relief was cut off by the very great development of the land pebble deposits of Florida, and the situation has remained a very difficult one. While the river companies continued to operate for some time to a greater or less extent, they were gradually forced by the low prices and difficulty of securing merchantable material to discontinue, almost entirely, study makes evident at a glance how extremely valuable they are confined to supplying local demands or the needs of the corporation controlling the largest deposits.

In the article of 1904 it was shown that up to the end of the year 1903 there had been mined 7,143,216 tons of land rock and 4,628,158 tons of river rock, or 11,771,374 tons in all. It was estimated that there remained in the land deposits between 9,000,000 and 11,000,000 tons, while the river rock of merchantable grade was to a large extent exhausted. No new discoveries have been reported, nor information obtained that would cause any change in these statements,

The companies mining since 1903 have been as follows:

River Companies.

Central Phosphate Company, Coosaw River.

Stono Mines Company, Stono River.

Ashley River Mining Co., Ashley River.

The following tables show the production of river rock since the inception of the industry, and the royalty paid thereon. Their study make evidence at a glance how extremely valuable they have been to the State at a very critical time in its history:

Table of Shipments of River Rock.

(From 1870 to 1908, Years ending September 1.)

	Tons.
1870	1,989
1871	17,655
1872	22,502
1873	45,777
1874	57,716
1875	67,969
1876	81,912
1877	126,569
1878	97,700
1879	98,586
1880	65,163
1881	124,541
1882	140,773
1883	129,318
1884	151,243
1885	171,671
1886	191,174
1887	202,757
1888	190,274
1889	212,102
1890	237,150
1891	169,293
1892	156,095
1893	249,339
1894	114,282
1895	196,777
1896	123,708
1897	76,313
1898	99,315
1899	121,073
1900	121,225
1901	84,941

1902	83,119
1903	47,603
1904	29,664
1905	37,396
1906	31,182
1907	38,214
1908	33,693

Total 4,247,973

Receipts of Phosphate Royalty.
(From 1872 to 1908.)

1872 to 1879, under inspectors of phosphates ..\$	527,665.75
1880	65,337.92
1881	124,541.14
1882	138,254.14
1883	125,793.41
1884	153,797.62
1885	176,754.91
1886	196,089.88
1887	208,772.51
1888	186,993.87
1889	212,101.96
1890	237,149.06
*1891	169,293.00
*1892	156,095.00
1893	231,518.12
1894	57,140.89
1895	87,567.20
1896	60,853.76
1897	39,861.00
1898	25,179.31
1899	34,928.69
1900	21,566.47
1901	26,279.19
1902	25,310.65
1903	16,936.47
1904	9,732.01
1905	7,751.00
1906	8,667.00
1907	9,005.50
1908	7,330.25

Total \$3,388,267.76
*Estimated.

Land Rock.

Four companies have been engaged in land mining since 1903. They are as follows:

Bolton Mines Company, chartered 1889; capital, \$30,000.

Bulow Mines, private ownership.

Charleston, S. C., Mining and Manufacturing Company, chartered 1866; capital, \$2,219,200.

C. C. Pinckney, private ownership.

The production of land rock (partly estimated) has been:

	Tons.
1903-1904	202,839
1904-1905	237,955
1905-1906	217,301
1906-1907	204,180
1907-1908	218,406
1908-1909	222,100

Total 1,302,781

The value of the product for the present year at \$4.25 per ton is \$943,925. These companies give employment to between 1,100 and 1,200 men, have an annual pay roll of \$371,714 and use 23,100 tons of coal in their operations.

The Fertilizer Industry.

There have been in recent years several changes in and additions to the list of companies engaged in the fertilizer business in Charleston. The companies now in operation are as follows:

Manufacturers.

	Chartered.	Capital.
Ashepoo Fertilizer Co.	1897	\$100,000
Etiwan Fertilizer Co.	1900	108,000
The Macmurphy Co.	1905	60,000
Planters' Fertilizer & Phosphate Co.	1906	350,000
Read Phosphate Co.	1874	300,000
Virginia-Carolina Chemical Co.	Va.	2,651,740

Manipulators and Importers.

	Chartered.	Capital.
Coe-Mortimer Co.	1905	\$602,000
Combahee Fertilizer Co.	1901	150,000
Germofert Manufacturing Co.		24,000
Inter-State Chemical Co.	1909	50,000
Peruvian Guano Corporation	1908	50,000

The total shipments of these companies for the past six years have been (partly estimated):

	Tons.
1903-1904	416,750
1904-1905	415,750
1905-1906	443,150
1906-1907	447,750
1907-1908	508,750
1908-1909	508,433
Total	2,740,583

These companies employ nearly 1,400 men; of whom about 200 are whites, and they used during the past season 24,237 tons of coal. Their total annual pay roll was about \$600,000; the value of their shipments for 1908-1909 was \$9,298,185 and, to carry on their business during the past season, they had to provide 9,000,000.

The following tables, showing the imports of fertilizer material into Charleston for a number of years, the railroad shipments of fertilizers for 1908 and 1909, given by months, and the receipts from the fertilizer tax from 1872 to November 22, 1909, are of great interest, and afford information of great value, not only to the manufacturer, but also to the dealer and consumer.

**Imports of Fertilizer Material at the Port of Charleston,
South Carolina.**

For the years ending September 30, 1906, 1907, 1908 and 1909:

	1906	
	Tons.	Dollars.
Muriate of potash	12,088	\$ 474,360
Sulphate of potash	822	37,874
Nitrate of soda	26,959	1,160,319
Kainit	87,593	539,586
Pyrates	66,764	186,735
Total	194,226	\$2,398,874

	1907	
	Tons.	Dollars.
Muriate of potash	13,449	\$ 525,019
Sulphate of potash	151	68,619
Nitrate of soda	30,132	1,443,506
Kainit	70,341	523,202
Pyrates	80,220	235,094
Sulphate of ammonia	2,559	150,666
Total	196,582	\$2,946,106

	1908	
	Tons.	Dollars.
Muriate of potash	8,521	\$ 334,899
Sulphate of potash	1,014	45,518
Nitrate of soda	38,504	1,320,899
Kainit	65,155	495,165
Pyrites	70,311	213,381
Sulphate of ammonia	3,334	191,169
Total	186,839	\$2,601,031

	1909	
	Tons.	Dollars.
Muriate of potash	9,086	\$ 337,094
Sulphate of potash	1,518	59,614
Nitrate of soda	38,553	1,172,942
Kainit	86,910	608,305
Pyrites	70,311	230,498
Sulphate of ammonia	5,944	333,850
Total	217,121	\$2,742,303

The total imports, which in 1898 were \$840,338, amounted in 1909 to \$2,742,303, showing conclusively, not only the large expenditure for these materials, but also demonstrating the growing importance of Charleston as a port of entry for the supply of interior points.

Fertilizer Shipments Out of Charleston.

	Over	
	So. Railway.	A. C. L.
1908.	Tons.	Tons.
January	19,461.1	32,348.05
February	43,867.8	86,654.0
March	53,834.0	86,244.8
April	9,026.5	20,218.4
May	2,785.75	5,147.6
June	2,190.45	5,050.15
July	2,045.8	2,386.35
August	1,749.5	1,886.6
September	3,026.35	3,759.65
October	5,635.5	4,942.85
November	2,619.05	4,432.9
December	6,121.8	5,169.6
Total	152,363.6	258,240.95

Shipments over A. C. L., Tons	258,240.95
Shipments over Southern	152,363.6

Total rail shipments, 1908410,604.55

1909.	So. Railway. Tons.	A. C. L. Tons.
January	13,881.5	23,213.45
February	42,991.8	91,347.2
March	51,400.85	112,280.1
April	11,053.3	20,822.2
May	4,692.55	8,220.15
June	1,704.6	4,269.4
July	1,814.1	2,373.0
August	1,867.6	1,264.55
September	2,764.05	3,183.25
October	4,649.25	4,517.05
November	4,899.05	5,134.4

Total (11 months) 141,718.65 276,624.75

Shipments over So. Railway, tons	141,718.65
Shipments over A. C. L.	276,624.75

Rail shipments (11 months), 1909418,343.40

Fertilizer Inspection Fees Received by Inspectors of Phosphates.

Year.	Tons Inspected.	Rate Per Ton.	Amount.
1872	37,759	25c	\$ 9,439.75
1873	56,298	25c	14,074.50
1874	46,382	25c	11,595.50
1875	50,837	25c	12,709.25
1876	44,443	25c	11,110.75
1877	45,766	25c	11,441.50
1878	43,858¾	25c	10,964.68
1878	830¼	10c	83.03
1879	52,231.8	10c	5,233.18
Total			\$86,652.14

Fertilizer Privilege Tax, 1880 to 1909 (November 22.)
(25 Cents Per Ton.)

1880	\$ 17,289.80
1881	27,328.19
1882	23,704.88

1883	25,092.30
1884	25,262.16
1885	28,712.41
1886	26,884.04
1887	24,209.21
1888	31,448.64
1889	32,988.05
1890	42,169.85
1891	53,285.85
1892	36,108.98
1893	50,243.95
1894	43,423.88
1895	30,135.93
1896	54,524.37
1897 (fiscal year changed, January to January	59,352.33
1898	65,494.33
1899	62,123.88
1900	75,251.34
1901	84,073.43
1902	81,744.94
1903	98,909.40
1904	118,974.15
1905	130,439.53
1906	167,158.39
1907	150,984.81
1908	172,234.76
1909 (to November 22)	190,609.16
Total	\$2,030,125.94
Fees paid inspectors, 1872-79	\$ 86,652.14
Privilege tax, 1880-1909	2,030,125.94
Total fertilizer tax paid	\$2,116,778.08

It is scarcely necessary to comment on the facts that have been submitted above. A business that employs, daily, 1,400 persons, pays them nearly \$600,000 per annum, uses over \$9,000,000 in carrying on its annual operations and whose yearly production is valued at \$9,298,185, needs no comment. The figures speak eloquently for themselves, and show better than words could do the immense value of this industry to the city. Nor is this value likely to diminish.

The following extract from a very valuable estimate made at the beginning of the present year by Mr. Frank E. Taylor, vice-president of the Ashepoo Fertilizer Company, is conclusive evidence of this statement:

South Carolina.

Total sales fertilizer and cotton seed meal:

	Tons.
1901-1902	302,335
1902-1903	413,728
1903-1904	426,921
1904-1905	481,637
1905-1906, 662,688 tons less 66,430 tons C. S. M.	596,258
1906-1907, 631,033 tons less 89,368 tons C. S. M.	541,665
1907-1908, 680,791 tons less 114,906 tons C. S. M.	565,885
No meal included in tonnage of season 1901-1902, 1902-1903, 1903-1904 and 1904-1905.	

Recapitulation.

States.	Estimated Tonnage Consumed in 1901 and 1902.
Kentucky	45,000.00
Tennessee	*
Arkansas	*
Mississippi	77,857.90
Virginia	240,000.00
Florida	58,286.16
North Carolina.....	326,256.00
Louisiana	45,792.90
Alabama	184,295.00
South Carolina	302,335.00
Georgia	432,912.52
	<hr/>
	1,712,735.48

*No tonnage given.

States.	Estimated Tonnage Consumed in 1907 and 1908.
Kentucky	40,000.00
Tennessee	46,384.00
Arkansas	*
Mississippi	137,831.95
Virginia	240,000.00
Florida	107,226.00
North Carolina	507,842.00
Louisiana	71,505.40
Alabama	312,470.00
South Carolina	565,885.00
Georgia	757,286.50
	<hr/>
	2,786,430.85

*No tonnage given.

In ten States, Arkansas being excepted:

	Tons.
Total estimated in 1901-1902	1,712,735.48
Total estimated in 1907-1908	2,786,430.85
Estimated increase in ten States	1,073,695.37

These facts give every assurance of the continuance and growth of this invaluable asset of Charleston's commercial life."

INDUSTRIAL PROGRESS.

Commissioner E. J. Watson, of the Department of Agriculture, Commerce and Industries, contributed a valuable and interesting article in which he wrote as follows:

"One of the most encouraging things about the rapid industrial development of the State of South Carolina is the excellent record made in diversified manufacturing by the State's chief seaport—the City of Charleston. This has been a splendid year in material development upon all lines in South Carolina, and perhaps no greater strides have been made by any municipality than in Charleston. The taking of the census of manufacturers this year, under the new State law has demonstrated what many, who have been visiting the City by the Sea in the last few years, have been asserting—that Charleston has been growing rapidly.

Charleston stood practically still in manufacturing growth between the years 1900 and 1905, the years in each of which the Federal Government took a complete census of manufacturers, increasing during that period only 7.6 per cent. in capital and 5.1 per cent. in value of product.

The census, which this department has taken, the figures being from reports required by law to be filed, lacks a few of covering the number of plants reporting to the Federal Government in 1905. The 1909 figures show nevertheless the splendid increase of 84 per cent. in capital, and what is far better 81.2 per cent in value of annual product in the period of four years since 1905. This record of increase in value of product has only been approached by the increase of 73.5 per cent. made by Greenville in the five years between 1900 and 1905. Surely Charleston has a right to be proud of her achievement.

The showing is all the more gratifying because of the fact that the factories and workshops of Charleston are at this time turning out an annual product worth more than a quarter of a million dollars more than the total capital employed. Upwards of 6,500 persons are being employed, only 234 of these being children

under 16 years of age. Over \$1,900,000 is annually paid out in wages, not including salaried officers.

One of the most pleasing facts revealed by the consolidated statements furnished herewith is that manufacturing in Charleston is diversified and daily becoming more so. Of course, fertilizer manufacturing, of which Charleston is the centre in the whole country, continues to be the leading industry, with over four and a half million capital, turning out annually products worth practically four million dollars. Mining and lumber and timber products still stand well up in the list and are steadily increasing.

In the grand total value of products as given in the accompanying table the figures for several establishments covered by the summary could not be included, owing to difficulty and delay in getting the accurate figures. These would no doubt run the total to eleven millions of dollars. Among the important enterprises not included are the Charleston electric light and gas light establishments.

It is scarcely necessary to say more. The forthcoming reports from this department will deal with the increased volume of trade at the port of Charleston, and attention will be called to the rapidly increasing export and import business, the growth of coastwise trade and the increased volume of outgoing and incoming freight business by rail. Attention will also be directed to the splendid record in the trucking industry and to the rice and sea island cotton crops. All of these are things that others will doubtless touch upon, and consequently, need not be incorporated herein.

From this hasty summary it is easily seen that Charleston is rapidly growing, and is ere long to once again take high rank among the industrial ports of the Atlantic seaboard."

The table prepared by Commissioner Watson shows these facts:

Comparative Summary of Charleston Industries.

	1909.	1905.	1900.
Number of establishments	95	108	104
Number of stockholders.....	6,122	.....	.....
Capital invested	\$10,708,845	\$5,807,280	\$5,397,506
Average number of persons employed	6,412	3,450	3,187
Males employed	5,276	2,425	2,369
Females employed	914	844	665
Adults employed	6,180	3,269	3,034
Children under 16 years .....	.....	181	153
Males	138	.....	.....
Females	96	.....	.....

Total wages, not including salaries

of managers	\$ 1,992,738	\$1,053,588	\$ 918,841
Wages of males	1,811,338	.....	.....
Wages of females	171,206	.....	.....
Wages of adults	1,911,553	.....	.....
Wages of children under 16 years—			
Males	17,858	.....	.....
Females	13,692	.....	.....
Value of annual product	\$10,981,584	\$6,007,094	\$5,713,315

Per Cent. of Increase.

	Between 1900 and 1905.	Between 1905 and 1909.
Capital	7.6	84.0
Value of products	5.1	82.2

THE RAILROAD SITUATION.

A great deal can be said with regard to the railroad situation in Charleston, and particularly the recent developments. The situation has been summarized by Mr. R. B. Pegram, General Freight Agent of the Southern Railway, who has written as follows:

"A glance at the map is sufficient to convince one of the superiority of the situation of Charleston as a distributing centre for both domestic and foreign commerce; the neck of an old-fashioned hour glass, as it were, through which the sands of commerce run in either direction. But a close analysis, not only of its wonderful natural situation, harbor and water transportation facilities, but also of its rail transportation facilities, accentuates the advantages of Charleston as a port of the first magnitude, for the distribution of the fast growing commerce of the South, and as an entry port for the commodities supplied to us from foreign countries.

Port and Harbor.

Situated on a narrow peninsula between the Ashley and Cooper rivers, the physical location of Charleston is very similar to that of New York, our largest port. Nine miles of water front are now available here for shipping purposes and this can be further extended up the two rivers to meet the growing demands of commerce. The piers, dock and warehouses served on one side by water transportation and on the other by the railroads, make possible the most economical and expeditious handling of freight. These facilities are now such that it frequently happens that a

vessel will discharge and the railway forward the cargo faster than the receivers in the interior are able to take care of it. No other port on the Atlantic or Gulf coast is of as easy ingress or egress as the port of Charleston, the open sea being in plain view from the lower wharves and docks, and yet the magnificent harbor, ample for the safe anchorage of all the navies of the world, is securely land locked. There are twenty-seven feet of water on the Bar at low tide, and thirty-two feet at high tide, which provides sufficient depth for both merchant and naval vessels of the heaviest draft. The straight reaches of the channel make navigation unusually easy. Unlike many other harbors on the Atlantic and Gulf coast, it is not necessary to pick tortuous paths up winding rivers, with ever shifting currents and bars, fraught with more or less danger and wasteful of much valuable time, but here the mariner can see the ocean from his dock.

Admiral Dickens, of the United States navy, has frequently been quoted, but his words are appropriate for repetition here:

'The harbor is a commodious one and the water on the Bar will now permit any of our battleships to enter this port. The battleship Texas has the distinction of being the first battleship to enter this port. As is well known, there is thirty feet of water on the Bar at high water. After entering the harbor fifty battleships with twenty-six feet draught can be anchored in Charleston harbor at single anchor 400 yards apart, with a scope of forty fathoms of chain. Sixty-five battleships with the same draught can be moored in Charleston harbor one thousand feet apart. Thirty-five battleships can be moored above the Battery.'

Recognizing the advantage and superiority of the port of Charleston, the United States Government has established here a Navy Yard to cost some \$15,000,000.

With the completion of the Panama Canal the importance of the port of Charleston will be greatly increased. No other port on the Atlantic or Gulf coasts presents such advantages and opportunities for handling this prospective commerce as the port of Charleston. The proximity of the West Indies, whose commerce with this country is rapidly growing, makes Charleston an ideal port for direct communication with these islands. Much attention is being given by the State department, bureau of American Republics, the Bureau of Manufacturers and the press of the country to the development of our trade with South America. Charleston's situation is ideal with respect to this commerce, and with the growth of this trade unquestionably will be one of the greatest ports on the Atlantic coast, being practically 400 miles nearer Panama than New York and 100 miles nearer than New Orleans, thus saving much time and economic loss in transportation. It is also approximately 500 miles shorter from Cincinnati, Ohio, to Havana, Cuba, via Charleston than via New York. In addition to the saving in

distance to the West Indies, Panama and the east and west coast of South America, there is an important feature of the lessening of the perils of the voyage and lower insurance rates, as well as the economic saving of lost time and energy.

Illustrative of the possibilities which lie in front of Charleston, together with the other Southern ports, Mr. W. W. Finley, president of the Southern Railway, has said:

'The best customer the United States has in South America is Argentina, to which country our exports in the fiscal year ended June 30, 1909, amounted to \$33,712,505, including 1,510,317 bales of cotton goods, 513,357 gallons of cotton seed oil, manufactures of iron and steel to the value of \$7,875,789, furniture to the value of \$214,891, agricultural implements and farm machinery to the value of \$4,309,223, manufactured principally in localities from which shipments can be made conveniently through Southern ports, and a long list of other articles.

'Our imports from Argentina in the last fiscal year amounted to \$22,230,182, the principal item being wool and hides. Probably little Argentine wool is used in the South, but Southern tanneries use South American hides to a considerable extent and their use may be expected to increase, as there is no duty on them under the new tariff law. At present these hides come in through the North Atlantic ports almost entirely and are shipped to Southern tanneries, either all rail or by rail and water. Some of them even go by the way of Europe. In one case that came to my notice, hides for a North Carolina tannery were shipped from Argentina to Antwerp, across the ocean again to New York, and thence by rail to the tannery. In another case a Southern tanner bought 20,000 hides in Mexico, but found that on account of shipping conditions, he had to have them carried from Vera Cruz, Mexico, to New York, and thence by rail to his tannery.'

Water Transportation.

Before the era of railroads, the transportation of heavy commodities great distances was confined almost exclusively to the water highways, and Charleston's harbor and location had already made it an important centre of commerce. Her proximity to the sea had placed her in communication with the other ports on the coast of our own country and with foreign countries, and she distributed her commerce through the tributary country largely by means of navigable rivers and inlets.

Charleston's coastwise transportation facilities are now unsurpassed. The Clyde Line operates four boats the week between Charleston and New York and Jacksonville, Fla.; one boat the week between Charleston and Boston, Mass. The Baltimore and Carolina Steamship Company and the Philadelphia Steamship Com-

pany, seeing the possibilities for traffic, have within the last few years established regular lines to and from Charleston, operating one sailing each the week. These lines of coastwise steamships place Charleston in commercial touch with all our principal Atlantic seaboard cities, and transport a vast volume of both local and through freight. A large part of this commerce moves from New York and New England States by water, through Charleston and by the railroads from this port as far west as Texas, Oklahoma and the Missouri River.

The United Fruit Company gives Charleston steamship service not enjoyed by any other South Atlantic port, placing it in weekly communication with West Indian and Central American ports. With Charleston's rehabilitation as a cotton market, brought about by the co-operation of the railroads, cotton buyers and factors, and the erection of an additional large compress by the Charleston Compress and Wharf Company (Maybank & Co), and the building of another new compress on Cooper River, by Messrs Rogers, McCabe & Co., the Strachan line of steamships has undertaken to furnish steamship service to English and Continental ports, thus giving Charleston unlimited possibilities for foreign commerce. Already the imports of Charleston are far in excess of those of any other South Atlantic port, and with return cargoes and exchange of export and import commerce through Charleston, the future is exceedingly bright.

The great, prosperous and growing trucking industry contiguous to Charleston has been largely fostered and aided by the transportation provided by the navigable streams and inlets in this vicinity. This also adds to the great advantage as a distributing point for general commerce.

Railroads.

The Charleston railroad and terminal facilities and possibilities are unequalled. The town is already served by two of the greatest trunk lines in the South—the Southern Railway with 7,055 miles, and the Atlantic Coast Line with 4,129 miles of road. Both of these systems have other allied systems, which not only form a net-work of railways covering the entire South and giving direct communication to and from Charleston, but also giving ready access to all other parts of the country. They realize and appreciate the wonderful possibilities of Charleston as a commercial centre and are working with great energy for the upbuilding and extension of rapidly growing commerce.

In addition to furnishing unsurpassed rail transportation facilities these two systems of railroads reach directly or through their connections all of the coal fields of the South, and cover the cotton fields with a net-work of railroads. The principal manufacturing industries of the South are located along their lines, bringing all

these resources into touch with this port. In addition to this they furnish means for distributing from Charleston to the inland country all of the foreign and coastwise commerce which reaches Charleston by means of water transportation. Foreseeing the growth of commerce of Charleston they have already arranged through the Charleston Terminal Company for the erection of special cotton warehouses and additional warehousing facilities for general cargoes.

The Southern Railway has built thirty-nine miles of new low grade line, which will connect Knoxville, Tenn., and points west and north thereof, more directly with Charleston and other points in the Carolinas; giving quicker access to the west and to the rich coal fields of East Tennessee and Southwest Virginia.

The Atlantic Coast Line, in connection with the Norfolk and Western Railroad, is now constructing what is known as the South-bound Railway from Winston-Salem, N. C., to Wadesboro, N. C.; and the Carolina, Clinchfield and Ohio Railway has just completed a magnificent line of road from Dante, Va., to Spartanburg, S. C., with the avowed intention of coming to the coast, and undoubtedly its main objective point is Charleston.

As transportation, and therefore transportation facilities, are the only means for extended exchange of commodities, which is commerce, Charleston's present and increasing facilities makes her position impregnable and insures an era of commercial prosperity and greatness which few at the present time even realize."

THE GROWING LUMBER INDUSTRY.

Within recent years there has been a remarkable development of the lumber industry in and around Charleston. Two especially important articles appeared in the "Jubilee Edition" on this industry.

The first is by Mr. R. P. Tucker, who writes:

"If fifteen years ago one had stated that Charleston had natural advantages, which, if utilized, would make her one of the greatest lumber manufacturing ports in the world, and the greatest lumber manufacturing port on the Atlantic coast of the United States, he would have been flatly contradicted by the then best informed men, who would have said in all sincerity, that they knew whereof they spoke. To-day it can be said, without fear of intelligent contradiction, that the natural resources and advantages offered by Charleston to the manufacturer of lumber, surpass those of any other city on the Atlantic coast, and that when these resources and advan-

tages are fully realized, and utilized intelligently, she will become the greatest lumber manufacturing port on the Atlantic coast and one of the greatest lumber manufacturing ports in the world, for she has within a radius of sixty miles, with unsurpassed water and rail transportation to her deep water docks, more standing timber than any city in the United States to-day; an unsurpassed climate for work without interruption; cheap labor, and an advantage in rates with which her sisters lying to the south cannot compete successfully. The ports to the north of her need not be seriously considered, for they are not possessed of the first essential—the timber from which to manufacture the lumber.

The Long Straw and the Short Straw Pine.

Fifteen years ago the long leaf yellow pine of this section had been exhausted, and through lack of knowledge of the quality and worth of the remaining timbers, the wise people shook their heads and claimed that the timber of our section and State was no more; that it had been wasted in unwise methods of manufacture; and in still more unwise methods of bleeding for naval store purposes. This was true of one of our greatest timber trees, the Long Straw Yellow Pine, but just alongside of this great native tree, occupying the lower uplands and high swamps, stood her Cinderella sister, which was then to be presented with her golden slipper, and which since then she has returned to the donators in the form of ever increasing golden eagles. These slippers, however, unlike Cinderella, she will continue to wear for many years to come, for the product of the Short Straw Pine to-day is, for general utility, inferior to none, and it may be said superior to most, if not all trees that grow in our American forests, for of it, we can build our homes complete, as far as woodwork goes, (framing, flooring, ceiling, stairways, balusters, verandas, pillars, door frames, window frames, sash, trimming, moulding, and all other woodwork necessary to the completion of a comfortable home;) and with the help of our other native trees, the cypress, oaks, ash, maple, hickory, cottonwood, and gums we have at hand and at our disposal, the raw material for all articles manufactured from wood.

Tremendous Growth of the Industry.

Since the discovery of the worth of this great tree (the Short Straw Pine), Charleston's lumber industry has increased from year to year, and should continue to increase for many years to come. Ten years ago Charleston could boast of but nine lumber manufacturing and woodworking plants, with an aggregate capital invested of \$540,000; a gross yearly consumption or output of 62,000,000 feet; a gross producing value of \$800,000; monthly pay

rolls amounting to \$15,150; and employing about six hundred and thirty men. To-day, Charleston's lumber manufacturing and wood-working plants number sixteen, with an aggregate capital invested of \$3,725,000, or \$3,185,000 more than ten years ago, a gross yearly consumption or output of 129,950,000 feet or 67,950,000 feet more than ten years ago; a gross producing value of \$2,374,000, or \$1,574,000 in excess of ten years ago; monthly pay rolls amounting to \$55,200, or \$40,050 in excess of ten years ago; and employing about seventeen hundred and sixty-eight men, many of them skilled workmen, or eleven hundred and thirty-eight men more than were employed ten years ago.

\$88,000,000 Worth of Standing Timber.

Yet the immense stride which has been taken by Charleston in her lumber industry, in the past ten years, should be but child's play to what can be accomplished in the future, if her natural advantages and resources are intelligently handled; for there stands within a radius of sixty miles of her water front, five billion feet of timber, which, when manufactured, would produce five and one-half billion feet of lumber, and for which our great Eastern centres; our States east of the Mississippi and north of us, and all of Great Britain and Europe, are clamoring with ever increasing energy. This five and one-half billion feet of lumber, which is legitimately Charleston's, and can be manufactured here and handled here to best advantage, is worth to the manufacturer, based on to-day's prices, \$88,000,000, and if cut at the present rate, means a yearly income to Charleston for the next forty years, without seriously considering the advance in prices, and based solely on the timber available at present, of not less than \$3,000,000, and the employment of not less than two thousand men.

As the demand for our lumber increases, and as the raw material grows less, Charleston, of course, may expect to materially increase her prices, and may also expect, with certainty, the erection of other large lumber plants, for of the five billion feet of standing timber, which is rightly hers, she has at least one-half of the raw material still to offer to such plants. It may be calculated, therefore, that in the next ten years the lumber industry of Charleston will increase 50 per cent. and that by this increase in plants and the increase in value of the products, the present gross value of the output of her plants will be increased by 80 per cent. These calculations are all conservative, for in making them, the radius considered, as a matter of fact, does not exceed fifty miles, nor has any note been made of the output or holdings of a number of large manufacturing plants, which do business outside of Charleston, but which buy their principal supplies here, and whose employees spend their earnings here.

Within Sixty Miles of Charleston.

Should the far-sighted man care to look, as, of course, he does, beyond the supply of timber immediately available for plants at Charleston, I am sure he will find, on investigation, that no section offers a brighter prospect for the reproduction of forests, than the section within a radius of sixty miles around Charleston. And, notwithstanding the fact that it takes the Long Straw Yellow Pine tree one hundred and fifty years to mature, and the Short Straw Pine tree one hundred and twenty-five years to mature, Charleston could count on holding the supremacy in the lumber manufacturing industry on the Atlantic coast far beyond the period of thirty years, (the probable time of the exhaustion of her now available supply, provided the consumption of that supply increases 50 per cent. in the next ten years, as it is apt to do), for in the section mentioned, which is peculiarly adapted to the growth of the timber trees under consideration, there are millions of small trees growing to-day, and millions springing up each year, which, if properly protected from their greatest enemy—fire—and probably the only one which may be seriously considered, will be, to us, and those who come after us, a continual source of prosperity, for the growth that is now just 'under size' would in thirty years be available, and so on, ad infinitum.

The Lumber Industry.

This is an industry in which every man on the globe is interested, whether he at present realizes it or no, for even the savage, living on the far off islands in his straw hut or hut of clay, must some day be brought to a state of civilization, (at least so the missionaries tell us); and with the march of civilization goes the home and the home comforts; and the building of the home means, regardless of steel, brick and concrete, the consumption of lumber. I say, therefore, we are all of us vitally interested in the industry under consideration, and we should be brought, as speedily as possible, to realize its true importance, and to the absolute necessity of conserving, by intelligent methods, the raw material.

The people of this country, (these United States), more than any other people in the world, have sinned against nature, and probably the people of the South more than the people of any other section, for in our forests we had a source of wealth inferior to no other, natural or artificial source of wealth, in the world, and in the small span of one hundred years we have reduced that resource 90 per cent., without utilizing more than 20 per cent. of its value. In other words, we have thrown away 70 per cent. of this resource; utilized to advantage 20 per cent., and still possess 10 per cent. This resource is so wonderfully strong, however,

that if we give nature a chance and do not continually burden her with fire, and oppress her with acts of over zealous civilization, (?) we may hope, by intelligent methods, to create something of a balance, between supply and demand, as far as standing timber goes, at least around Charleston, which will rebound to the prosperity and the good of us all, and in so doing to the advancement of our dear old city.

Beyond all doubt we have the resources and natural advantages in the lumber industry, as well as in many other industries. Let us hope for, and work for, the brains, brawn, and gold necessary to their best development."

THE FACTS OF THE TRADE.

In a more concrete article, Mr. F. G. Davies writes:

"In the manufacture of lumber, Charleston is rapidly coming to the front, and the lumber industry now ranks second in importance and volume of business.

The large areas of timber lands lying contiguous to Charleston, extending from the Santee River on the north, to the Combahee river on the south, and fifty miles back from the coast, embraces an area containing upwards of 5,000,000,000 feet of timber, all of which will naturally be manufactured or seek an outlet through Charleston.

Our numerous advantages for water shipments have already attracted the attention of lumbermen, and during the past few years several large saw mills have been erected, and still others are in prospect, as there are yet numerous tracts of fine timber now owned by private individuals. These tracts will eventually be sold to be manufactured into lumber, and therefore the volume of business is bound to increase.

The lumber industry has helped materially in the growth of Charleston as adult labor is employed, and the work is carried on steadily throughout the year. The average lumber plant with its saw mill, planing mill, logging camps, tugs, etc., employs from three hundred to five hundred men. This, of course, has direct bearing on the business interests, and has helped materially to make up the increase shown in the statistics of our city.

In the earlier days the timber lands were considered valuable only for the cypress and long leaf yellow pine, as these two woods were found of more lasting qualities, and the large areas of loblolly or short leaf pine were left untouched. This latter species predominated in the swamps and bays, and in addition to its susceptibility to decay, the extreme difficulty of cutting and hauling

the logs made the cost so great that the price at which it could be sold would not justify the expense, and the marketing of short leaf pine was practically prohibitory.

In recent years the attention of lumbermen has been attracted to this timber as an interior finishing wood. The old methods of vogue in drying lumber in the open air was found most disastrous. The sap staining so badly as to make the lumber practically worthless for this purpose. It was found to make an excellent finishing wood when seasoned properly, and attention was given to the drying of the product. Dry kilns were built, but, in the beginning, the results were not satisfactory. After many years of experimenting, the steam dry kiln was perfected, so that the lumber is now made ready for the planing mill, thoroughly seasoned, and the sap left white and beautiful, ready for the finishers' hands.

Another obstacle which has been overcome is the logging of this timber. The modern methods of logging by steam have, in a large measure, superseded the mule and cart, and now timber that was at one time considered practically worthless on account of its inaccessibility, is now considered the most valuable because the best class of timber grows in the swamps and bays, and is as easily and cheaply logged as timber grown on high lands.

A brief description of the modern methods of lumbering will, perhaps, be of interest to our readers and give them an idea of the amount of work required in manufacturing the standing trees into lumber.

The preliminary work is the establishment of the camp, which is the headquarters for all the men engaged in the woods work. Each mill generally has two or three camps to insure a steady supply of logs. These camps contain from sixty to eighty men each. In the early morning they take to the woods, railroad men going ahead and putting in the tracks and spurs on which to haul out the timber, then come the cutters or sawyers felling the trees and cutting them into proper lengths for saw-logs. Behind the cutter the skidder is set up alongside the railroad track. This is a steam engine with drums or spools, on which the wire cable runs which hauls in the logs. The end of the cable is hitched to a mule and is carried out as far as 800 feet on each side of the railroad track, where it is fastened to a log. At a signal the engine is started, and the log comes tearing through the forest like some wild beast, and is brought alongside of the railroad track where a hoisting engine loads it on to the cars. When a train load is made ready, the locomotive hauls them to the landing, where the whole carload is dumped overboard and fastened by chains into rafts. These rafts are then towed down the river to the mills.

Running from the end of the saw mill is a long conveyor ex-

tending down into the water. The logs are then loosened and placed upon this conveyor, which hauls them up into the mill. When in the mill, a two-arm kicker throws the log off from the conveyor on to the deck to await its return to be sawyed into lumber. A most interesting operation is when the log is put on to the carriage from the deck. A large arm operated by steam, called a 'nigger,' comes up through the floor and catches the log, throwing and holding it upon the carriage until it is dogged or clamped by the men in charge. This 'nigger' also turns the log for squaring up the four sides, and really appears like a thing of life. The log then passes rapidly up and down on the carriage past the band saws, and boards are clipped off at the rate of twenty a minute. A vertiable stream of lumber passes down the rolls to the edgermen who pass them through the edger saws, thus squaring up the edges, thence they are taken by rolls to the trimmerman, where the ends are squared. The boards are then conveyed to the dry kilns, dropping off automatically in front of the kilns, wherever desired. After being kiln dried and cured, the lumber is graded and separated into piles, each grade by itself. It is then ready for market, except that where planing mills are operated in connection it is ripped and prepared for the planers.

Vast improvement has been made on the planing of lumber in recent years. The modern planing machine planes lumber into flooring or partition at the rate of 150 lineal feet per minute, and it is worked better and smoother than the old machines that run only one-third as fast. A planing mill contains from eight to ten of these machines set in a row. Through these the lumber passes, and is finally tallied into cars or loaded aboard vessels. Thus in a week's time the giant pine standing in the forest is cut and manufactured ready for the builders' use.

The product of the mills of Charleston is shipped both by vessel and rail, but the fine advantages of our harbor and cheap freight rates make shipment by vessel preferable, and the bulk of the product is forwarded to the market by the water route.

The care now used in manufacturing short leaf pine has brought it rapidly into favor as a building and finishing wood. The coarse, knotty logs are cut into dimension sizes for framing of houses, and also into boards, the latter, when planed, being caled 'roofers,' and are used generally for sheeting houses underneath the weather boards. The better grades make excellent flooring, partition and interior trim, and is often specified in the medium priced houses, by architects, as the finishing wood, on account of its beautiful grain when finished in the natural wood.

Although some of the lumber is disposed of in this vicinity, the bulk of it is sold in the territory north of Baltimore, 75 per cent. of the coastwise shipments going to New York and immediate vicinity. There is also some trade in the foreign countries, Ger-

many and England using a considerable quantity of the better grades.

Below is a statement of the amount of tonnage of lumber forwarded from Charleston for the calendar years of 1905, 1906, 1907, 1908 and ten months of 1909, via Southern Railway, Atlantic Coast Line, Clyde Steamship Company, Baltimore and Carolina Steamship Company and Southern Steamship Company:

1905, 25,983,650 pounds.

1906, 43,447,200 pounds.

1907, 62,790,700 pounds.

1908, 52,006,500 pounds.

1909, to November 1, 55,932,200 pounds.

The movement of lumber by steam and sailing vessels, not included in regular lines, is shown for 1908 and ten months of 1909, as no record was kept previous to 1908:

1908, 162,953,136 pounds.

1909, to November 1, 188,910,252 pounds.

It will be noted that these figures indicate that the lumber shipments have more than doubled during the past five years, and that the business is bound to increase during the next decade.

The following firms are engaged in the lumber industry in Charleston:

E. P. Burton Lumber Company. This firm is located on the Cooper River, just above the Navy Yard, and operates a saw mill containing two band saws and a gang saw with a capacity of 35,000,000 feet per annum. This firm has no planing mill, and their product is sold in the rough, shipments being made almost entirely by water. They also export a large portion of their better grades to the German markets, where it is giving universal satisfaction.

The Anderson Lumber Company is located on the Ashley River, and has a large circular saw mill with planing mill attached, and handle about 100,000,000 feet annually. Their shipments are made by vessel and consist largely of dimension stock. They also have a large retail trade, and furnish a large percentage of the lumber used in Charleston. They operate several small mills in this vicinity, the stock from which is rafted down the rivers, already sawed and squared. Their shipments are made entirely by water.

The North State Lumber Company is located on the Cooper River. They operate a band saw and resaw with a capacity of 14,000,000 feet per annum. The product of this mill is rough lumber, and is shipped by vessel to the Northern markets.

The Halsey Lumber Company has the oldest saw mill in Charleston, and it is located on the Ashley River. The plant consists of circular saw mill with planing mill attached, and they handle about 10,000,000 feet per annum. This firm do a large

business by vessel, in dimension stock, besides enjoying a large local building trade. They also handle the output of several small mills along the rivers, the product from which is rafted and brought to Charleston and loaded into vessels.

A. C. Tuxbury Lumber Company. This firm is located on the Cooper River and operates a saw mill containing two band saws, together with a planing mill, and has a capacity of 25,000,000 feet per annum. Practically all of their product passes through the planing mill, a large proportion of which is shipped by vessel.

The J. R. Stokes Lumber Company operates several mills in the vicinity of Charleston, the product from which is brought to the city both by rail and raft, and loaded into vessels. They handle about 10,000,000 feet annually, all of which is shipped to the North.

B. I. Simmons handles the product of several mills located on the rivers, most of which is shipped by vessels. His shipments amount to 5,000,000 feet annually.

THE POST OFFICE BUSINESS.

A first class index to the business of a community is in its post-office receipts. The following is official:

There has been a large and most gratifying increase in the business of the Postoffice of Charleston; indeed, the increase has been so great that it will be necessary to enlarge the Postoffice building, already the largest in the State and the most completely appointed postal establishment in the South, and the best kept public building withal, in order that the postal service of this town may be more effective. The postoffice of the community is a fair barometer of the business of the community. Postmaster Harris has supplied *The News and Courier* with comparative data of the money order and registry departments of the Post-office here, together with the postal receipts for a period of five years.

It will be noted, that whereas, in 1905 the receipts of the Charleston Postoffice were \$119,205.02, in 1909 the receipts were \$152,264.43. The increase in the number during this period of registered letters and parcels received for delivery was 5,249; the number of such packages in 1905 being 38,599, and in 1909, 43,748. The registered letters and parcels dispatched from Charleston during this period were 26,330 in 1905 and 39,871 in 1909. The annual salaries of the clerks employed in the Charleston Postoffice in 1905 amounted to

\$17,295.56, and in 1909 to \$26,963.72. In 1905 the number of clerks employed was 18 and in 1909 the number was 25. The amount paid the carriers in 1905 was \$22,467.12, and in 1909, \$25,417.23. In 1905 the number of railway postal clerks paid at Charleston was 27, and the amount paid them was \$33,133.36. In 1909 the number of such clerks was 63 and the amount paid them \$58,776.96. In 1905 there were two sub-stations or branch postoffices here; in 1909 there were five. In 1905 the receipts for newspapers and periodicals published in Charleston and entered at the Postoffice here was \$3,047.40, and in 1909, \$4,243.92. In 1905, 30,072 money orders were issued from the Charleston office for \$253,029.79, and in 1909 the number of money orders was 36,025 and the amount \$313,659.46. In 1905 the total amounts deposited by postmasters in South Carolina, with the Charleston Postoffice, as money order funds was \$661,681, and in 1909, \$837,982.42.

These figures show a remarkable increase in the business of the Postoffice at Charleston and indicate, or course, the growing importance of this town. The following comparative statistics were furnished by Postmaster Harris:

	1905	1906	1907	1908	1909
Registered letters and parcels received for delivery at Charleston, S. C. during the years designated	38,599	38,064	41,029	43,516	43,748
Registered letters and parcels dispatched from Charleston, S. C.	26,330	30,488	29,678	33,897	39,871

	1905.	Annual Salary.
Number of clerks employed	18	\$17,295.56
Number of carriers employed	23	22,467.12
Number of railway postal clerks paid at Charleston, S. C.	27	33,133.36
Number of sub-stations	2	1,000.00

	1909.	Annual Salary.
Number of clerks employed	25	\$26,963.72
Number of carriers employed	24	25,417.23
Number of railway postal clerks paid at Charleston, S. C.	63	58,773.96
Number of sub-stations	5	1,500.00

Comparative records of postal receipts, 1905 to 1909:

Fiscal Years.

1905	\$119,205.02
1906	128,810.60
1907	138,909.84
1908	144,466.53
1909	152,264.43

Receipts from newspapers and periodicals published in Charleston and entered as second-class matter:

1905	\$ 3,047.40
1906	3,301.68
1907	138,909.84
1908	4,192.39
1909	4,243.92

Money Order Business.

Money Orders Issued—	No.	Amount.
1905	30,072	\$253,029.79
1906	31,501	274,025.90
1907	31,956	270,238.86
1908	32,314	296,023.08
1909	36,025	313,659.46

Money Orders Paid—	No.	Amount.
1905	33,392	\$292,716.92
1906	33,486	285,248.22
1907	36,188	320,900.77
1908	37,122	317,244.37
1909	37,453	301,750.10

Amounts deposited, by postmasters in South Carolina, with Charleston Postoffice as money order funds:

1905	\$661,681.00
1906	726,577.43
1907	729,580.39
1908	774,702.34
1909	837,982.41

THE CORPORATIONS IN BUSINESS.

Mr. August Kohn prepared from the office of the Secretary of State the corporations, chartered under the laws and reporting to the officials of the State, doing business in Charleston or credited on the official records as Charleston corporations:

	Capital stock paid in.
Aetna Real Estate Co.	\$ 2,000
Allan Jewelry Co.	75,000
Allan & Co., James	50,000
Alliance Realty Co.	400
Anderson Lumber Co.	50,000
Anderson Spool and Bobbin Manufacturing Co.	15,000
Annalicia Real Estate Co.	1,000
Argyle Hotel Co.	60,000
Army Cycle Manufacturing Co.	3,500
Ashley Investment Co.	3,500
Ashley River Mining Co.	10,000
Atlantic Investment Co.	300
Automobile and Marine Motor Co.	4,250
Bailey-Lebby Co.	60,000
Ball Supply Co.	7,000
Ball Bros. & Co.	1,000
Benjamin Wood Co.	2,000
Berith Shalom Real Estate Co.	2,000
Bierfischer Furniture Co., E. F.	11,000
Bischoff Co., A.	5,000
Belton Mines	30,000
Branchville Lumber Co.	15,000
Brown Co., Edmonds T.	20,000
Brown Crockery Co.	5,000
Brown-Evans Co.	45,000
Burton Lumber Co., E. P.	400,000
Calder-Fladger Co.	7,100
Calhoun Falls Co.	280,000
Cameron & Barkley Co.	118,500
Cape Romain Land and Improvement Co.	10,000
Cape Romain Land and Investment Co.	3,000
Carolina Carbonating Co.	5,000
Carolina Cypress Co.	130,000
Carolina Floral Co.	1,200
Carolina-Florida Investment Co.	40,000
Carolina-Honduras Mining Co.	5,800
Carolina Land Improvement Co.	250,000

Carolina Portland Cement Co.	150,000
Carolina Rice Co.	15,000
Carrington, Thomas & Co.	40,000
Central Realty Co.	300
Central Real Estate Co.	7,600
Charleston B. B. and Amst Co.	4,300
Charleston Basket and V. Manufacturing Co.	33,700
Charleston Billiard and Bowling Association	1,000
Charleston Bridge Co.	57,800
Charleston Canning Co.	10,000
Charleston Coca-Cola Bottling Co.	10,000
Charleston Compress and Wharf Co.	3,000
Charleston Crockery Co.	12,100
Charleston Drug Manufacturing Co.	57,500
Charleston Fishery Co.	2,000
Charleston Improvement Co.	13,000
Charleston Iron Works	5,000
Charleston Lead Works	5,000
Charleston Lithographing Co.	7,000
Charleston Metallic Packing Co.	50,000
Charleston Motor Co.	5,000
Charleston Poultry Association	1,145
Charleston Real Estate Co.	13,200
Charleston Transfer Co.	30,000
Cherokee Rice Co.	15,000
Chicora Realty Co.	400
Citizens' Electric Co.	5,500
Citizens' Ice Co.	40,000
Coca-Cola Bottling Works	10,000
Cohen & Co., Louis	55,000
Cold Storage, Mfg and Trns Co.	12,000
Combahee Land and Rice Co.	10,000
Commercial Real Estate, Loan and Investment Co.	30,000
J. M. Connelley Co.	30,000
Connelly, Crouch Co.	3,000
Consolidated Real Estate Co.	2,000
Consumers B. B. Estab.	30,000
Consumers Coal Co.	38,750
Consumers Ice Co.	75,000
Cooper River Investment Co.	8,500
Cornelia Real Estate Co.	30,000
Daggett Printing Co.	8,000
Daniels Island Truck Farm	10,000
David Outfitting Co.	108,000
Dill-Ball Co.	15,000
Dixie Real Estate Co.	25,000
Dixie Supply Co.	1,000

Domestic Improvement Co.	1,170
Douglass Hat Co., W. L.	24,000
Drake-Inness-Green Shoe Co.	150,000
Eagle Real Estate and Investment Co.	15,000
Eickmeyer Co., H.	1,000
Electric Supply Co.	9,300
Enterprise Realty Co.	5,000
Enterprise Real Estate Co.	5,700
Equitable Real Estate Co.	10,000
Equity Investment Co.	500
Evening Post Pub. Co.	15,000
Farmers and Spinners and Cotton Co.	5,000
Fincken-Jordan Co.	267,000
Follin Bros. Co.	22,800
Frierson-Marvin Drug Co.	4,000
Gangi Agricultural Co.	18,000
Geer Drug Co.	85,000
Germania Brewing Co.	40,000
Goldsmith Manufacturing Co.	16,600
Goose Creek Land Co.	52,400
Granite Real Estate Co.	20,000
Gotjen Co., John H.	6,000
Guarantee Mortgage Co.	25,000
Halsey Lumber Co.	32,500
Hartford Real Estate Co.	2,000
Hirsch-Israel Co.	75,000
Home Cash Coupon Co.	500
Home Steam Laundry Co.	3,500
Hughes' Specialty Well Drilling Co.	15,100
Ice Delivery Co.	20,000
Industrial Spur Track Co.	10,000
Ingleside Mining and Manufacturing Co.	35,000
Johnston-Crews Co.	100,000
Kerrison Dry Goods Co.	40,000
Killian Fire Brick Co.	25,000
Klaren Bridge Co.	1,000
Klinck & Wickenberg Co.	10,000
Lanneau's Art Store	10,000
Lazarus Co., M. H.	15,000
Leaphart Lumber Co.	50,000
Lebby Shoe Co.	40,000
Leland Moore Paint and Oil Co.	19,100
Lloyd Laundry and Manufacturing Co., W. Q.	75,000
Long Island Improvement and C. Co.	40,000
McArtney Building Co.,	5,000
McClellanville Automobile Co.	1,500
McClellanville Canning Co.	2,500

McGee Agency, Hall T.	1,000
Magnolia Cemetery Co.	30,000
Magnolia Mines Co.	10,000
Marjenhoff Co., The	34,000
Marshlands Investment Co.	9,700
Marshall-Wescoat Hardware Co.	75,000
Midland Timber Co.	450,000
Minnis Co., Wm.	9,000
Moreland Co., E. M.	6,000
Mutual Carpet Co.	15,000
Mutual Ice Manufacturing and Cold Storage Co.	75,000
Mutual Real Estate Co.	2,000
Myakka Co.	350,000
New Charleston Hotel Co.	26,500
Navy Yard Home Corporation	45,000
News and Courier Co.	60,000
Nix Brothers	40,000
Padgett Land and Mercantile Co.	50,000
Palace Poultry Co.	3,000
Palm Beach Co.	1,000
Palmer Manufacturing Co.	189,800
Palmetto Investment Co.	1,000
Palmetto Land Co.	2,000
Palmetto Soap Manufacturing Co.	16,435
Palmetto State Lumber Co.	25,000
Palmetto Trading Stamp Co.	3,000
Panknin Imperial Baking Powder Co.	25,000
Panknin Neurol Co.	1,000
Paragon Drug Co.	9,900
Passaic Land Co.	16,000
Patent Ventilated Car Co.	20,000
Pearlstine & Sons, I. M.	125,000
Petit Amusement Co., Frank M.	500
Pinkussohn Cigar Co., J. S.	90,000
Phoenix Real Estate Co.	1,000
Planters' Fertilizer and Phosphate Co.	350,000
Planters' Warehouse and Fertilizer Co.	17,500
Platen Press Roller Adj. Co.	3,500
Porter-Snowden Co.	10,500
Pringle Bros.	202,500
Prudential Realty and Investment Co.	7,500
Puckhaber Bros. Co.	35,100
Queen Investment Co.	25,000
Rawls & Co., E. H.	15,000
Read Co., J. R.	41,000
Realty and Surety Co.	10,000
Realty Loan and Investment Co.	14,906

Rivers Mercantile Co.	6,000
Riverside Iron Works	2,000
Rhode Co., D.	2,000
Rose Bank Farm Co.	15,000
Rugheimer Sons, John	20,000
St. John Hotel Co.	80,000
Sanders Wood Supply Lumber Co.	8,000
Seaboard Investment Co.	121,200
Seacoast Investment Co.	400
Security Real Estate and Investment Co.	44,050
Shepherd Supply Co.	18,750
Siegling Music House	24,000
Simons-Mayrant Co.	39,700
Smith Dental Supply Co., R. Atmar	5,800
Smith McIver Co., Thos. P.	38,500
Snelson Contracting Co., J. T.	3,000
Southern Gibraltar Paint and Roofing Co.	6,250
Southern Land Improvement Co.	50,000
Southern Lime and Cement Co.	8,000
Southern Fruit Co.	10,000
Southern Furniture Co.	2,500
Southern Land and Timber Co.	150,000
Southern Pickle Factory	10,000
Southern Woodland Co.	5,000
Standard Hat Co.	30,750
Standard Portland Cement Co.	150,000
Stokes Lumber Co., J. R.	10,000
Sugar Loaf Mining Co.	6,000
Textile Manufacturing and Construction Co.	11,200
Theatorium Co.	2,500
Thompson-Miler Hardware Co.	20,000
Tidwin Lumber Co.	4,500
Trude Real Estate Co.	2,000
Tuxbury Lumber Co., A. C.	300,000
Unique Drum and Package Co.	9,000
Uptown Improvement Co.	8,000
Uxbridge Co.	3,000
Victoria Real Estate Co.	2,000
Von Kolnitz-Schroeder Co.	7,200
Walker, Evans & Cogswell Co.	106,800
Wallace Mallory Agriculture Co.	1,000
Walsh Directory	10,000
Warren Harness Co., F. H.	2,000
West End Improvement Co.	700
West Point Mill Co.	170,000
Wilbur & Sons Co., T. A.	85,000
Wohltmann Co., John	2,600

Worthen Hardwood and S. Manufacturing Co.	41,750
Worthern Arms Co., B. H.	2,000

\$ 8,429,006

Fertilizer Companies.

Ashepoo Fertilizer Co.	\$ 100,000
Carolina Mining Co.	15,000
Charleston, S. C., Mining and Manufacturing Co.	2,219,200
Combahee Fertilizer Co.	150,000
Etiwan Fertilizer Co.	108,000
Germofert Manufacturing Co.	24,000
Macmurphy Co.	60,000
Tilghman Phosphate Co.	1,000,000

\$ 3,672,200

State Banks.

Carolina Savings Bank	\$ 200,000
Charleston Savings Institution	100,000
Commercial Savings Bank	50,000
Dime Savings Bank	60,000
Enterprise Bank	50,000
Exchange Banking and Trust Co.	50,000
Miners' and Merchants' Bank	100,000
State Savings Bank	30,000
Security Savings Bank	50,000

\$ 690,000

Cotton Mills.

Royal Bag and Yarn Manufacturing Co.	\$ 450,000
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\$ 450,000

Building and Loan Associations.

Carolina Building and Loan Association	\$ 2,315
Citizens' Building and Loan	33,286
Commercial Building and Loan	53,898
Empire Building and Loan	66,912
Guarantee Building and Loan	5,000
Merchants' Building and Loan	45,804
People's Building and Loan	44,444
Star Building and Loan	53,218
Sterling Building and Loan	36,634
Traders Building and Loan	17,381
Union Building and Loan	33,695

Vigilant Building and Loan	43,184
	<hr/>
	\$ 435,771

Oil Mills.

Charleston Oil and Refining Co.	\$ 4,000
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	\$ 4,000
Foreign companies with principal offices in Charleston:	
American Manufacturing Co.	\$ 141,510
Cable Co.	14,975
Read Phosphate Co.	81,000
Winnsboro Granite Co.	200,000
Virginia-Carolina Chemical Co.	2,651,740
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	\$ 3,089,225

New Corporations.

The following is a list of the domestic corporations that are credited to Charleston on the records of the Secretary of State for 1909:

Chartered During Year of 1909.

C. L. Kornahrens Bottling Works	\$ 5,000
Home Investment Co.	1,000
The Charleston Teapot	30,000
Suburban Real Estate Co.	8,000
The Brown Crockery Co.	25,000
The Wacker Drug Co.	4,000
Tuxedo Company	5,000
Seafields Securities Co.	1,000
The Victor Bagging Co.	15,000
Navy Yard Building and Investment Co.	50,000
Calhoun Securities Co.	300
Colonial Building and Loan Association	12,000
Charleston Development Company	200,000
Suburban Development Co.	8,000
Thomasena Real Estate Co.	1,000
Oconee Timber Co.	250,000
Hacker Manufacturing Co.	40,000
Home Building Co.	40,000
Sea Gull Baseball Club	3,000
Miller Lumber Co.	10,000
Battery Development Co.	60,000
St. George's Land and Investment Co.	25,000
Peoples Building and Investment Co.	200,000
Kerrison Drug Co.	5,000

Bayview Investment Co.	12,000
Charleston Refining Co.	100,000
Standard R. R. Crosstie Co.	4,000
Dixie Manufacturing Co.	2,000
W. L. Millar Co.	3,000
West End Development Co.	1,000
Inter-State Chemical Co.	50,000
Women's Mercantile Association	500
W. P. Cart Co.	10,000
The Sea Island Cotton Oil Co.	20,000
Hahn-Wilbur Co.	25,000
Charleston Oil Co.	3,000
Southern Mahogany Co.	30,000
DeLeon-Riggs Co.	5,000
The Parsons Optical Co.	3,500
The Jacobs Co.	30,000
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	\$ 1,279,300

Total Capital paid in on all Corporations	<hr/> \$ 18,067,502
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This list is made up from the public records at Columbia.

CHARLESTON NAVY YARD.

This story would not be complete without a brief summary of an excellent article on the Charleston Navy Yard prepared by an officer in full possession of the facts:

"The first appropriation made by Congress, for the Charleston Navy Yard, was contained in the Naval Act passed March 3, 1901, by which \$150,000 was appropriated to begin the construction of a stone and concrete dry dock, the ultimate cost of which was fixed at \$1,250,000," says the writer. "The discussion as to the proper location for a navy yard south of Norfolk had been active for some time previous to the passage of this Act. Charleston was selected only after careful consideration by a board of naval officers, appointed to investigate the respective merits of the unfortunately few harbors south of Norfolk on the Atlantic coast. Charleston was finally selected as the most suitable port from every point of view.

The Dry Dock.

A dry dock is of course the first requisite to the establishment of a navy yard, as without it vessels cannot receive the periodic

overhauling which is necessary even in times of peace. After the site for a dry dock had been decided upon the laying out of the remainder of the yard was simple.

The contract for the dry dock was awarded to the Continental Jewell Filtration Company, of Boston, Mass. It was, of course, to be anticipated that an engineering project of such magnitude as the construction of a large dry dock could not be carried to completion without some delays. The dock was not completed in all respects, for receiving vessels, until March, 1909. It must, however, be borne in mind that a great deal of collateral equipment is necessary besides a dry dock in order to establish a navy yard ready for service. The contractors for the dock were, however, fortunate in having practically no difficulties with foundations, as the stratum on which the dry dock rests consists of marl, which is a geological formation similar to clay, but more resistant to sliding; on the other hand, the excavation of marl comes probably next in difficulty to the excavation of rock. The dry dock rests on a foundation built up of twelve feet of concrete. The entire outer shell of the dock is also built of concrete. This concrete shell is lined with granite, hence giving it the appearance and making it practically as permanent as a dock built entirely of granite. In some respects the concrete outer shell construction is superior to the all-granite construction, as masonry joints need not be depended upon for the binding together of the structure.

To the layman the difficulties of building a dry dock can scarcely be appreciated, but the fact that no two docks of the eight docks constructed in the United States in recent years have been built by the same firm speaks for itself. It is especially hard to estimate the cost of doing such work, in advance, because the difficulties encountered as the work progresses are generally greater than anticipated, due to the fact that dry docks are necessarily built along the water front, where non-uniform conditions of foundation soil are common, and where difficulties with coffer-dams are usually encountered.

The dry dock at Charleston is 575 feet over all, which does not mean, however, that a vessel of that length can be docked therein, because the half width of the caisson or gate which closes the entrance to the dock must be subtracted as well as the slope at the head of the dock.

A vessel 540 feet long can, however, be readily docked therein, which is longer than any vessel now in the navy. Two grooves, twenty-five feet apart, are cut in the entrance to the dock, in either of which the caisson can be fitted. This permits of cleaning one groove while the other is in use. The caisson (or gate) is shaped with sloping sides. It has a heavy rubber gasket about six inches wide, much like a triangle with the point cut off, along the side and bottom edge. When the caisson is sunk in the groove, by

filling the ballast tanks, the rubber gasket bears against the ledge of the groove. As soon as the pumps are started, which remove the water from the dock, a current is set up, due to the rush of water from the outside, which forces the caisson gasket tightly against the groove. A perfectly water-tight joint is thus formed, and the pumping out of the dock may be continued without further entrance of water.

The dock is 110 feet wide at the entrance, which permits of ample margin for docking the widest vessels in the navy without danger of striking the sides. It is 80 feet wide on the floor and 134 feet wide across the top, the sloping in at the bottom being necessary to provide ledges and altars for increasing the strength of the structure, as well as for making the bottom readily accessible. In all older forms of docks the difference between the width at the top and bottom is considerably greater; therefore, the first impression one gains of the Charleston dry dock after seeing the dry docks at other navy yards and ship-building plants is the extreme steepness of the sides. A dock which is wide on the floor has the great advantage of permitting of the docking of small vessels side by side, such as torpedo boats.

Seven torpedo boats at a time can be docked in the Charleston dry dock, by placing them three abreast. The depth of the dock from floor to top of coping is 40 feet 6 inches, and the depth of water over the sill at mean high water is 34 feet. There is no vessel in the United States Navy which cannot be docked at the Charleston Navy Yard.

The water is pumped from the dry dock by four electrically driven centrifugal pumps, installed in a pump well.

The power for operating the dry dock and other machinery is furnished from the magnificent power house, which is the first building one passes on entering the Navy Yard. Architectural beauty has been combined with usefulness in this building, as the Government spared no expense in making the equipment up-to-date and economical in every respect. Sufficient room has been left for future expansion to three times the capacity of the plant.

Next, after the power plant and dry dock, the most interesting features of the Navy Yard are undoubtedly the water front improvements.

The re-enforced concrete pier at the entrance to the dry dock, is the most important berthing space at the yard. This pier is 550 feet long by 67 feet wide. Instead of being built of ordinary wooden piles, such as have been used for many years for practically all of such construction, the pier is placed on concrete pillars, which are practically as durable and non-resistant to the corrosive action of sea water as stone.

The receiving ship Texas lies at the wooden pier, the first one built at the navy yard. Seven piers have been constructed south

of the pier at which the Texas lies. The most northerly pier of this group is 30 feet wide by 540 feet long, and is used for the regular berthing space for the Atlanta. The remaining six are 10 feet wide by 460 feet long. A railroad track is built on the broad pier, so that coal may be readily placed thereon for vessels coming to the Navy Yard. This pier has also been used for unloading colliers. Congress last year appropriated \$50,000 for additional torpedo boat piers. It is proposed to build three additional berthing piers for torpedo boats and one substantial coaling pier, having an elevated railroad track, so that coal may be dumped from cars directly on to the deck and delivered by shutes to torpedo boats and destroyers lying alongside. Fortunately no dredging has had to be done in the slips between the piers, as they have been built out into deep water. Advantage is taken in this manner of the natural channel of the river.

The arrangement, location and equipment of the shops at the Charleston Navy Yard is undoubtedly the most efficient and economical of any navy yard in the country. The machine shop is located directly north of the dry dock. This shop is 320 feet long by 180 feet wide. Although it is called the machine shop, there are a great many trades besides machinists employed in it. It is, in fact not ordinarily appreciated by the general public that practically all of the trades necessary to a large modern community are necessary to the building and repair of a man-of-war. This shop is a good example of the variety of industrial activities concentrated in a navy yard; here may be found machinists, boiler-makers, plumbers, coppersmiths, galvanized iron workers, sheet metal workers, electrical mechanics, laboratories, tool makers and even silver platers. This shop has a complete equipment for doing nickel-plating, silver-plating and copper-plating. In another part of the shop is installed a galvanizing plant. There is also an electrical laboratory provided for testing the most delicate instruments and for making repairs to all classes of electrical apparatus.

The machine shop proper is equipped with the most modern machinery.

The next building north of the machine shop is the shipfitters' shop, in which are installed the heavy shears, punches, rolls and furnaces for working the plates and angles entering into the shell and framing of a steel ship. On account of the weight of plates and shapes, it is necessary to provide such a shop with ample means for handling such material mechanically, hence there are three sets of cranes installed, each having a chain hoist, so that the plates may be readily moved about from the various machines and may be handled for punching and shearing as necessary. On the second floor of this building is located the mould-loft.

The blacksmith shop and foundry are located west of the shipfitters' shop. The forges in the blacksmith shop are all heated by

fuel oil. Three hammers driven by compressed air are installed, the largest of which has a capacity of striking a 1,500-pound blow. The foundry is located in the west end of this building. The equipment is to be increased by the addition of another iron cupola in the near future. Oil heated brass furnaces are used for making brass castings. An electric crane is installed in this building for handling heavy forgings and castings. A great deal of heavy casting, as well as brass casting, has been done in this foundry since the establishment of the yard. Practically all of the large bollards on the piers were made in this shop, as well as all of the brass fittings for the dry dock block equipment.

The woodworking shop is located south of the foundry and blacksmith shop. On the first floor of this building are installed the heavy timber planing and sawing machines. The largest motors in the Navy Yard are installed on these machines. One motor alone, which drives a timber planer, is rated at 75-horse power. On account of the high spindle speed required for woodworking machines such machines are always large power consumers. The whole machine shop equipment, when running under normal conditions, consumes less than 75-horse power, whereas this one machine alone requires fully that amount of power when planing a timber, 16 inches by 20 inches, on four sides. The heavy oak blocks and sides for the dry dock were worked and framed on this machine. The boat builders also do their work on the first floor of this shop. New boats have not yet been built at this Navy Yard, but extensive repairs have been made. A saw-filing and brazing room is also installed on the first floor of the woodworking building. On the second floor of the building are installed the lighter woodworking machines, such as are needed for doing cabinet work and for manufacturing furniture. All shavings and sawdust, which are made in this building are exhausted by means of motor driven fans, from the machines and are then blown through piping to a receptacle on the south side of the building. The fire risk to the building is materially reduced in this manner, and the floors can be kept clean very readily. A dry kiln is also located on the second floor for drying lumber for furniture manufacture. The pattern makers are employed in one part of the mill.

The large building south of the dry dock is occupied in part by the painters, and by the riggers and laborers. The Navy Yard has two locomotives and two locomotive jib cranes for handling material, besides a 40-ton crane for the dry dock. The track mileage of the yard is considerable, as it extends from the lower torpedo boat slips to Noisette Creek, which bounds the Navy Yard on the north. Additional trackage is to be installed also in the near future to connect the building south of the one just mentioned to the torpedo boat piers. The latter building, although originally

designed for a workshop was found unnecessary for that purpose and has been converted into a torpedo boat store house. On account of the small size of such craft, it is found undesirable to carry all their spare parts and stores on board, therefore a very satisfactory substitute has been found in storing such equipage as is not daily needed in compartments in a building on shore. This building has been found well suited for the purpose.

One of the largest buildings in the Navy Yard is the general storekeeper's building, in which supplies and stores are kept. In this building the general storekeeper and the paymaster of yard have their offices. The main storehouse has a railroad track connection. It is provided with two freight elevators, hence material entering the building can be easily handled when received, and just as easily delivered to the yard wagons. The yard railroad system connects with both the Atlantic Coast Line and the Southern railroads.

The offices of the manufacturing department, as well as of the civil engineer are located in the first building on the left after one enters the main gate. The lower floor of this building is used as a store house. By the consolidation of the workshops and the reorganization of the Navy Yard it was found possible to transfer the machinery from the lower part of this building to other workshops mentioned above, thus leaving this building available for offices and for store house purposes.

Work is under way on the new marine barracks; for the construction of which \$65,000 is available. These barracks will probably be the best and most conveniently constructed in the country. The contract has been let and work is progressing rapidly. Two sets of officers' quarters are also being built, each costing \$12,500. An adequate marine guard is very essential to the efficiency of a Navy Yard, for the protection of property and for emergency calls. In spite of the limited facilities for establishing an efficient post the marine guard at the Navy Yard has always been kept up to a high military standard. The marine corps can be justly proud of the work done by its officers at the Charleston Navy Yard, in spite of their limited facilities in the way of barracks and grounds, up to the present time. It is characteristic of the marine corps that no matter how inadequate the facilities may be for establishing a truly military post, that in a short time the appearance of their camps and the training of the enlisted men is equal to that of a long established post with unlimited facilities at hand. A large portion of the guard at the Navy Yard has had to be kept in tents, due to the crowded condition of the quarters, this has not, however, detracted in the slightest from the sanitary and military efficiency of the post.

The officers' quarters, of which there are five at the Navy Yard, are located in the section which was formerly Chicora Park. This

residential section is undoubtedly the most beautiful residential section of any navy yard in the country. Fortunately, a suitable road material was found in cement gravel, which has made it possible to construct substantial and comparatively inexpensive roads. The appearance of the yard will be even better in a few years, when an opportunity has been had to plant lawns and shrubbery.

The Navy Yard is now so well established and has so abundantly proven that it is an industrial as well as a military necessity and economy to the Government, that there can be no question of the wisdom of the officials who were responsible for its location in Charleston. As many as 850 men have been on the rolls of the manufacturing department during a large part of the past year. With the transfer of all submarines to this station and the arrival of the new torpedo boat destroyers, the number of workmen will undoubtedly exceed the figures mentioned. The officials at the Navy Yard state that thus far there has been practically no difficulty in obtaining skilled mechanics."

THE BANKING INSTITUTIONS.

In the course of a most excellent article on the splendid banking facilities of Charleston, Mr. Wilson G. Harvey, President of the Enterprise Bank, writes in part, as follows:

"The following shows the condition of the various financial institutions of Charleston, on November 16, 1909, the date of the last call from the comptroller of the currency and State bank examiner:

The Charleston Banks—A Comparative Statement.

Name of institution.	Capital and surplus and undivided profits.	Deposits.	Cash on hand and in banks.	Loans and discounts.
Carolina Savings Bk	\$ 380,424.52	\$ 2,490,521.70	\$ 496,461.03	\$ 2,085,506.10
Charleston Savings Inst..	189,495.61	1,070,888.64	49,651.04	812,779.40
Commercial Bank	119,279.86	238,881.96	22,034.43	330,875.12
Dime Savings Bank	92,685.59	692,874.00	54,854.71	561,315.93
Enterprise Bank	77,581.67	651,202.12	147,985.25	493,062.92
Exchange Bk & T Co....	78,271.47	365,899.10	88,488.17	248,108.95
Germania Savings Bk....	244,884.96	2,747,686.01	193,236.69	1,707,212.85
Miners & Merchants Bk..	117,129.73	471,300.71	196,350.03	304,437.56
Security Savings Bank ..	87,463.18	589,163.09	37,158.22	488,241.42
S. C. Loan & Trust Co...	133,751.02	979,123.01	186,645.38	580,816.67
State Savings Bank	43,644.24	231,229.21	32,959.42	181,180.41
First National Bank	611,483.81	1,469,515.58	420,057.27	1,429,510.80
Bank of Charleston	719,876.55	3,588,628.43	894,012.77	3,096,579.13
Peoples National Bank ..	553,407.90	2,885,311.45	703,211.38	2,079,025.10
Total	\$3,449,380.11	\$18,462,225.01	\$3,523,105.79	\$14,398,652.36

The banks of Charleston stand as a bulwark of confidence to the mercantile and commercial life of the city. The strength of the institutions, the conservatism of their management and the part which they have played in the development of Charleston is too readily recognized to need narration here. In the days of long ago, when practically all of those who now hold the throttle of her finances were unborn, the merchants and planters of South Carolina were wont to look to the old city for financial aid and advice, and the habit contracted then has continued until to-day. Throughout the length and breadth of this great country the solid and substantial status of Charleston banks has become a byword and has given to the metropolis of South Carolina the reputation of being a "rich old city"—a reputation deserved. The banks of a community are said to be the pulse of her mercantile and commercial prosperity. The capital and surplus and the deposits and loans register with mercurial accuracy the success or depression of a city's business activities. As jobbing interests grow and trade expands—as rentals increase and values climb upwards, so grows the volume of business done by the banking institutions. The increase in the volume of business done by the banks is correlative to the growth of the business of that community and the growth of business in a city must of necessity be reflected in the growth of business done by the banks of that city. The very satisfactory trade condition of Charleston to-day, the increased volume of her business, the expansion of her industries, the development of her jobbing interests, the improvement in her realty values, the almost jubilant spirit manifested in her people, find them justified, or, to be more accurate, their reflection in the condition of her banks.

In no department of the city's commercial life has the past year brought a larger growth, a more pronounced advance, than in the development of finances and banks. A comparison of the capital and surplus—the deposits and the loans and cash on hand, as shown by the banks in their statement of November 16, 1909, as compared with the statement rendered November 27, 1908, will show that the banks have much larger resources in the shape of cash on hand, in bank investments and in loans made. A comparison will show greatly increased deposits and greatly reduced bills payable or kindred obligations. In order to give the public an opportunity of noting the growth of the financial institutions of Charleston, a statement has been prepared of the capital, surplus and undivided profits of January 1, 1900, January 1, 1905, and November 16, 1909. These figures speak for themselves:

Capital, Surplus and Undivided Profits.

	Jan. 1, 1900.	Jan. 1, 1905.	Nov. 16, 1909.
Carolina Savings Bank	\$ 261,182.62	\$ 328,693.63	\$ 380,424.52
Charleston Savings Inst....	99,289.19	182,337.20	198,495.61
Commercial Savings Bank ..	.....	50,000.00	119,279.86
Dime Savings Bank	54,930.94	53,049.49	92,685.59
Enterprise Bank	55,651.04	65,319.43	77,581.67
Exchange Bank & Trust Co.	100,000.00	61,340.52	78,271.47
Germania Savings Bank ...	204,525.56	229,492.15	244,884.96
Miners & Merchants Bank ..	110,828.94	110,753.02	117,129.73
Security Savings Bank	56,050.26	78,525.62	87,463.18
S. C. Loan & Trust Co	115,780.19	118,848.46	133,751.02
State Savings Bank	39,381.19	42,922.07	43,644.24
First National Bank	549,238.36	552,861.32	611,483.81
Bank of Charleston	492,593.52	513,662.44	719,876.55
Peoples Bank	374,271.77	456,815.95	553,407.90
Total	\$2,513,723.58	\$2,844,621.30	\$3,449,380.11

The perusal of these figures will show that the capital, surplus and undivided profits of the banks mentioned increased, from January 1, 1900 to January 1, 1905, \$330,879.72, and from January 1, 1905 to November 16, 1909, \$604,758.81, and that the total increase in the ten years was \$935,656.53, or almost \$1,000,000.

Increase in Deposits.

Having noted the growth in the capital and surplus of the banks, let us turn our attention to the savings of the public. Appended hereto are the statements of the banks showing deposits held by each under dates of January 1, 1900, January 1, 1905 and November 16, 1909:

Deposits.

	Jan. 1, 1900.	Jan. 1, 1905.	Nov. 16, 1909.
Carolina Savings Bank ..\$	1,505,639.65	\$ 1,616,630.64	\$ 2,490,521.70
Charleston Savings Inst..	722,799.00	1,034,356.42	1,070,888.64
Commercial Savings Bk..	.....	98,159.50	238,881.96
Dime Savings Bank	601,663.80	802,590.37	692,874.00
Enterprise Bank	225,487.25	436,336.84	641,202.12
Exchange Bk & Trust Co.	177,475.55	260,516.38	365,899.10
Germania Savings Bank..	2,076,007.87	2,417,524.01	2,747,686.01
Miners & Merchants Bk..	284,305.87	271,539.18	471,300.71
Security Savings Bank...	525,202.87	713,328.40	589,163.09
S. C. Loan & Trust Co..	1,011,061.35	750,041.07	979,123.07
State Savings Bank	116,081.07	203,531.68	231,229.21
First National Bank	1,162,868.96	1,220,125.40	1,469,515.58
Bank of Charleston	1,703,698.58	2,136,868.73	3,588,628.43
Peoples National Bank..	1,108,972.26	1,984,325.90	2,885,311.45
Total	\$11,221,264.08	\$13,943,874.52	\$18,462,225.07

It will be seen that the increase in deposits for the five years, from 1900 to 1905 was \$2,722,610.44, and from 1905 to November 16, 1909, \$4,518,350.55, the total increase in the ten years being \$7,240,960.99.

Having seen that during the past ten years the capitalization of the Charleston banks, as mentioned, has increased \$935,656.53, and that during the same period the deposits have increased \$7,240,960.99, we will pursue the comparisons still further by giving the resources of the several banks during the period in question, namely, January 1, 1900, to November 16, 1909.

Bank Clearances at Charleston.

The following statement of the clearances through the Clearing House Association of Charleston has been prepared for this edition of *The News and Courier* by Mr. W. H. Warley, manager of the Clearing House. It covers the period by months, from December 1 to November 30, in the years 1908 and 1909:

	1908.
December	\$ 5,717,900
January	6,702,900
February	5,411,300
March	5,521,400
April	5,033,600
May	4,896,500
June	4,211,000
July	5,214,400
August	3,674,400
September	5,093,000
October	7,005,900
November	7,904,100
Total	<hr/> \$66,387,000

	1909.
December	\$ 7,005,200
January	7,117,000
February	5,733,700
March	5,832,100
April	5,699,400
May	5,333,600
June	4,656,800
July	5,290,400
August	3,717,400
September	7,418,400

